2023/ 2024 COURSE ARCHIVE



Toronto Metropolitan University

The Chang School of Continuing Education

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BUSINESS

Accounting

★ CACC 100 Introductory Financial Accounting

Antirequisites: CACC 110 and AFA 100

The course is designed to give students a basic understanding of accounting for business decisions. Accounting is the language of business. The course will emphasize how transactions impact the accounting equation (Assets = Liabilities + Shareholders' Equity). Detailed journal entries will not be emphasized. Accounting 100 will emphasize the decision-makers or users. The course should be taken by students who don't want to become accountants, but want to gain a basic understanding of accounting.

This course is offered in an online, asynchronous format except for its final exam, which is held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

Note: You will have deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

Classroom Delivery: This course offers on-campus section(s). On-campus sections are identified in each section's detail summary as "Classroom" (and/or "Downtown" as the location). Visit **COVID-19 Updates for Chang School Students** for the most up-to-date guidance on attending on-campus classes.

39.0 Hours Fees: $867.99

★ CACC 110 Financial Accounting

Designed to prepare students for an Accounting Minor, this course will introduce you to the interesting and challenging field of Financial Accounting. This is a language designed to capture, summarize, and communicate the economic facts about an organization in a set of financial statements and the related descriptive notes. The principles of accounting and reporting to various users that are external to the organization and emphasize the decision-makers or users. Financial statement content and the uses and limitations of this information.

Online Delivery: This course is offered in an online, asynchronous format except for its midterm(s) and final exam, which are held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

Note: You will have deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

You will be required to write an in-person examination as part of the assessment for your course. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved external invigilation service. Details on how to arrange invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $809.57

☆ CACC 333 Core Concepts of Accounting

Prerequisites: CACC 100 and CACC 406

This course is for students who have completed CACC 100 and CACC 406 and wish to minor in either Accounting or Finance. This is a demanding course that should prepare you for Intermediate Accounting.

39.0 Hours Fees: $647.85

★ CACC 406 Introductory Management Accounting

Prerequisite: CACC 100 or CACC 110 or AFA 100 or Business Management Special student;

Antirequisites: CACC 410, AFA 200, CHSM 407, HTA 402

Designed for non-accounting majors, this course introduces the basic management accounting concepts to business students. Topics covered provide a good balance between the concepts and procedures used in the accumulation and use of date by management accountants to facilitate planning and decision-making. Cost behaviour and its implications for planning, reporting to management, and control is stressed.

Online Delivery: This course is offered in an online, asynchronous format except for its final exam, which is held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

Note: You will have deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

Classroom Delivery: This course offers on-campus section(s) for the 2022/23 academic year. On-campus sections are identified in each section's detail summary as "Classroom" (and/or "Downtown" as the location). Visit **COVID-19 Updates for Chang School Students** for the most up-to-date guidance on attending on-campus classes.

39.0 Hours Fees: $647.85

☆ CACC 410 Management Accounting

Prerequisite: CACC 110 or AFA 100

Antirequisites: CACC 406 and AFA 200

Designed to prepare students for an Accounting Minor, this course introduces the basic management accounting concepts to business students. Topics covered provide a good balance between the concepts and procedures used in the accumulation and use of data by management accountants to facilitate planning and decision making. Cost behaviour and its implications for planning, reporting to management, and control is stressed.

Online Delivery: This course is offered in an online, asynchronous format except for its final exam, which is held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

Note: You will have deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

You will be required to write an in-person examination as part of the assessment for your course. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved external invigilation service. Details on how to arrange invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $647.85

★ CACC 414 Intermediate Accounting I

Prerequisite: CACC 410 or CACC 333

This course reviews and embellishes the financial reporting requirements as presented in generally accepted accounting principles (GAAP). The topics will include revenue recognition and the asset side of the balance sheet. Students should expect to use and expand on the application of all the GAAP and concepts covered in introductory financial and management accounting courses. To be successful in the course, students should be prepared to work independently outside the class sessions.

Online Delivery: This course is offered in an online, asynchronous format except for its final exam, which is held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

Note: You will have deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $582.11

★ CACC 450 Intermediate Financial Accounting I

Prerequisite(s): CACC 410 or ACC 410 or CACC 333 or ACC 333 or AFA 200

This course reviews and embellishes the financial reporting requirements as presented in generally accepted accounting principles (GAAP). The topics will include revenue recognition and the asset side of the balance sheet. Case analysis is integrated, and data analytics are emphasized. Students should expect to use and expand on the application of all the GAAP and concepts covered in introductory financial and management accounting courses. To be successful in the course, students should be prepared to work independently outside the class sessions.

This course is online and asynchronous except for its final exam, which is held in person. This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $582.11

★ CACC 504 Accounting Cases and Concepts I

Corequisite: CACC 514

This course begins with a conceptual review of accounting principles, and reviews issues studied in earlier courses such as revenue recognition, the treatment of research and development cost, and insolvency. Students are also introduced to accounting in the not-for-profit sector, and issues in international accounting. This course emphasizes the role of communication in the accounting profession. Critical thinking and problem solving skills are developed through extensive use of case analysis.

39.0 Hours Fees: $582.11

★ CACC 514 Intermediate Accounting II

Prerequisite: CACC 414

This course continues from the CACC 414 coverage of the financial reporting requirements as presented in GAAP. The topics will include liabilities, share capital transactions, earnings per share calculations, adjustments, correction of errors, income taxes, leases, pensions, and financial statement analysis. Students should expect to use and expand on the application of generally accepted accounting principles and concepts covered in CACC 414 and introductory financial and management accounting courses. To be successful in the course, students should be prepared to work independently outside the class sessions.

Online Delivery: This course is offered in an online, asynchronous format except for its final exam, which is held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

Note: You will have deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

You will be required to write an in-person examination as part of the assessment for your course. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved external invigilation service. Details on how to arrange invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $582.11

★ CACC 521 Auditing

Prerequisite: CACC 514; Chang School Certificate students without the prerequisite(s) should contact Chang School Client Services (ce@torontomu.ca) for further information.

An introduction to the auditing standards and procedures developed by the accounting profession. Topics covered include: auditing standards, the audit report, materiality, risk, gathering of evidence, and sampling. The course is useful to the student who is interested in the profession of auditing or developing a manager's understanding of auditing.

Online Delivery: This course is offered in an online, asynchronous format except for its final exam, which is held on campus. Details on the date of your exam can be found on the **Exams for Online Courses** webpage.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

Note: You will have deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

You will be required to write an in-person examination as part of the assessment for your course. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved external invigilation service. Details on how to arrange invigilation will be provided prior to the first day of class.

39.0 Hours Fees: $582.11

★ CACC 522 Taxation for Managers and Financial Planners

Prerequisite: CACC 110
Antirequisite: AFA 517

Since taxation has an important effect on business decision-making, in this course students will study the fundamental principles of the Canadian income tax laws and examine their effect on business decisions and financial planning. The tax treatment of various sources of income, as well as the legislation affecting small businesses will be included in the course. The student will develop decision making skills through numerous situational examples and case analysis.

On-campus exam requirement: Starting Fall 2024, your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off-campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $582.11

★ CACC 550 Intermediate Financial Accounting II

Prerequisite(s): ACC 450 or CACC 450; Chang School Certificate students who do not have the prerequisite(s), but have completed CACC 414 and CACC 504 should contact Chang School Client Services (ce@torontomu.ca) for further information.

This course continues from the CACC 450 coverage of the financial reporting requirements as presented in GAAP. The topics will include liabilities, share capital transactions, earnings per share, adjustments, correction of errors, income taxes, leases, pensions, and financial statement analysis. Students are expected to expand on the application of GAAP and concepts covered in prior accounting courses. This course extensively uses cases based on mimic or real business scenarios.

This course is online and asynchronous except for its final exam, which is held in person. This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement:Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $582.11

NEW!

★ CACC 696 Information Systems Audit + Data Analytics

Prerequisite(s): CITM 102; Students who have completed AFA 620 should contact their department office before enroling in this course.

This course enhances students' understanding of information and focuses on auditing of information systems and data analytics. Students will be introduced to audit approaches, computer risks, concerns related to internal controls, and techniques for evaluating systems and business processes. Students will learn to assess the integrity of data used in various management reports. Students will gain hands-on experience with analytics software. Emphasis is on the development of critical thinking and analytical skills through real-life applications.

This course is online and asynchronous except for its final exam, which is held in person. This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online** webpage.

39.0 Hours Fees: $582.11

★ CACC 703 Advanced Financial Accounting

Prerequisites: CACC 504 and CACC 514; Chang School Certificate students without the prerequisite(s), who have completed CACC 550 should contact Chang School Client Services (ce@torontomu.ca) for further information.

This course is designed for students pursuing a professional accounting designation, and covers the more complex aspects of financial accounting. The course includes coverage of Long Term Intercorporate Investments, Consolidations, Foreign Currency Translations, and Reporting of Foreign Operations in accordance with International Financial Reporting Standards (IFRS). Accounting Standards for Private Enterprises (ASPE) relating to course topics will also be reviewed. A case analysis approach is emphasized.

This course is online and asynchronous except for its final exam, which is held in person (beginning Fall 2022). This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Beginning Fall 2022, your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the **Exams for Online** webpage.

39.0 Hours Fees: $582.11

★ CACC 742 Canadian Business Taxation I

Prerequisites: CACC 514; Antirequisite: ACC 042

A detailed examination of the federal income tax law concerning income of individuals from employment, business, and property. The implementation of the law and its effects, and issues in tax planning and other practical matters are explored, as well as legal interpretations of the law, through examination of a wide variety of practical problems and cases. Related rules in the Goods and Services Tax Act are also examined. Students should have a knowledge of accounting and business law, and be prepared to spend a minimum of two hours outside of class for every hour in class. (Formerly first half of ACC 042.)

This course is online and asynchronous except for its final exam, which is held in person (beginning Fall 2022). This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Beginning Fall 2022, your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the **Exams for Online** webpage.

39.0 Hours Fees: $582.11

★ CACC 750 Taxation

Prerequisites: CACC 550 or ACC 550; Chang School Certificate students who do not have the prerequisite(s), but have completed CACC 504 and CACC 514 should contact Chang School Client Services (ce@torontomu.ca) for further information.

This course covers the federal income tax law concerning income of individuals from employment, business, property and other sources. Tax law implementations and effects on corporations, shareholders, and business and financial decisions are covered. Taxation of partnerships, trusts, and the Goods and Services Tax are examined. Issues in tax planning and other practical matters are explored, as well as legal interpretations of the law, through examination of a wide variety of practical problems and cases.

This course is online and asynchronous except for its final exam, which is held in person. This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online** webpage.

39.0 Hours Fees: $582.11

★ CACC 801 Intermediate Cost and Management Accounting

Prerequisite: CACC 414; Antirequisite: EMS 303; Chang School Certificate students without the prerequisite(s), who have completed CACC 450 should contact Chang School Client Services (ce@torontomu.ca) for further information.

This course will provide a comprehensive study of costing for decision making, planning, and performance evaluation. Emphasis will be placed on cost allocation methods, capital budgeting, and transfer pricing.

This course is online and asynchronous except for its midterm and final exam, which is held in person (beginning Fall 2022). This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly

module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Beginning Fall 2022, your midterm and final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $582.11

★ CACC 842 Canadian Business Taxation II

Prerequisite: CACC 742; Students who have already completed CACC 750should consult with Chang School Client Services (ce@torontomu.ca) before enroling in this course.

A further examination of the federal income tax law, dealing with its implementation and effects on both large and small corporations, their shareholders, and their business and financial decisions. Practical tax planning issues are explored, as well as interpretations of the law, in a wide variety of problems and cases. Taxation of partnerships, trusts, and the Goods and Services Tax are also examined. (Formerly second half of ACC 042.)

This course is online and asynchronous except for its final exam, which is held in person (beginning Fall 2022). This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Beginning Fall 2022, your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $582.11

CZAA 100 Understanding Financial Information

This course will provide students in the Human Resources Professional Association (HRPA) program with an overview of both financial and managerial accounting. Students will acquire a basic understanding of generally accepted accounting principles (GAAP), how they are used to develop the components of standard financial statements, and how financial statements are used by various decision-makers within and outside the firm. Cost behaviour, cost-volume-profit analysis, budgeting, and analysis of budget variances will also be covered.

NEW! Since August 2020, this single course has been approved by the **HRPA** to cover the coursework requirement for the Accounting and Finance subject area. For those pursuing the Delete and insert Certified Human Resources Professional (CHRP) designation but not a degree, this will be a convenient alternative to taking CACC 100 and CACC 406.

Visit the **HRPA** for a list of approved courses.

39.0 Hours Fees: $651.32

Economics

★ CECN 104 Introductory Microeconomics

Antirequisite: ECN 101

This is an introductory course to economics. This course is concerned with basic concepts of demand and supply, the theory of the firm, and distribution of income. It includes a study of business behaviour and decision making under various market conditions: pure competition, oligopoly, monopolistic competition, monopoly.

Online: These section(s) are fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $590.98

★ CECN 189 Mathematics for Economics I

Prerequisite: CECN 109 OR CQMS 110

Antirequisites: CMTH 207, QMS 130, CQMS 702

CECN 189 is an introduction to fundamental calculus techniques which are frequently used in Economics. The course focuses on single variable differential calculus (limits, continuity, differentiation, and integration) and on its application to optimization problems. The course uses a wide range of economic applications to illustrate and motivate all the covered mathematical techniques.

52.0 Hours Fees: $777.74

★ CECN 204 Introductory Macroeconomics

Antirequisite: ECN 201

This is an introductory course to economics. This course is concerned with basic concepts of levels of national income, employment and prices, the business cycle, factors affecting economic growth, and international trade. It also includes a critical analysis of monetary and fiscal policies designed to achieve the established goals.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $590.98

★ CECN 210 Understanding Economics

Antirequisites: ECN 101, CECN 104, ECN 201, CECN 204; Not available to students in Ted Rogers School of Management.

The lower level liberal studies course introduces the economic way of thinking. At a microeconomic level students learn how to analyse markets under different structures such as perfect competition and monopoly. At a macroeconomic level students learn how to analyse how the Canadian economy works and how the major problems of unemployment and inflation can be dealt with. Other topics covered are fiscal and monetary policy and the overall role of government in the economy.

39.0 Hours Fees: $590.98

★ CECN 230 Mathematics for Economics II

Prerequisite: CECN 189 or MTH 189 or ECN 89A/B or QMS 130 or CQMS 702

Antirequisites: CMTH 231, MTH 240, CMTH 310

This course introduces the students to mathematical topics beyond what is covered in ECN 189. It covers multivariable differential calculus, and it introduces topics such as basic matrix algebra, constrained optimization, and comparative statistics for general function modes. The course uses a wide range of economic applications to illustrate and motivate all the covered mathematical techniques.

52.0 Hours Fees: $590.98

★ CECN 301 Intermediate Macroeconomics I

Prerequisites: (CECN 101 or CECN 104 or Direct Entry) and (CECN 201 or CECN 204 or Direct Entry) and (CECN 189 or QMS 130 or CQMS 702 or CMTH 131 or MTH 140 or CMTH 207 or CMTH 310)

This course introduces students to the theory and practice of intermediate-level macroeconomics. Topics include data collection and measurement of key macroeconomic variables, the closed economy one-period model, models of economic growth, search and unemployment, and inflation. Data collection will involve downloading economic series from data bases such as the CANSIM database of Statistics Canada and working with spreadsheets such as EXCEL.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online** webpage.

52.0 Hours Fees: $572.20

☆ CECN 329 Statistics for Economics II

Prerequisites: CECN 129 and CECN 230

Antirequisites: CMTH 404, CMTH 480, CQMS 442

CECN 329 is a continuation of the topics covered in CECN 129, Statistics for Economics I. It includes such topics as estimation, hypothesis testing, inferences, analysis of variance, simple regression and multiple regressions, and model building.

52.0 Hours Fees: $572.20

★ CECN 340 The Economics of Human Behaviour

This lower level liberal studies course investigates human behaviour from an economic perspective. Among the topics we analyze is the economics of religious behaviour and the afterlife, sexual behaviour, marriage and divorce, crime, mass hysteria and panics, suicide and dying, emotions, and the economics of sports.

39.0 Hours Fees: $572.20

☆ CECN 503 Economic Development

Antirequisite: ECN 726

This upper level liberal studies course describes the challenges faced by developing economies with an emphasis on persistent world poverty. We analyze questions such as extreme poverty, living under a dollar per day, and the burden of disease. We also study the role of markets, government, and non-governmental organizations in fostering economic development.

39.0 Hours Fees: $572.20

★ CECN 504 Intermediate Microeconomics I

Prerequisites: (CECN 101 or CECN 104 or Direct Entry) and (CECN 201 or CECN 204 or Direct Entry) and (CECN 189 or QMS 130 or CQMS 702 or CMTH 131 or MTH 140 or CMTH 207 or CMTH 310)

A more detailed study of price theory, this course looks at the production decisions of firms and the consumption decisions of households. It gives an introduction to risk and uncertainty. It examines how the decisions of all the independent economic agents are co-ordinated by the price-system in purely competitive markets. The course also gives a variety of applications of micro-economic theory.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage

52.0 Hours Fees: $572.20

★ CECN 506 Money and Banking

Prerequisite: CECN 301 or CECN 504

Antirequisite: CECN 509

The role of money in the economic system is emphasized along with current monetary theories. Also examined are the purpose, structure, and regulations of the chartered banks and other financial institutions. By monitoring developments in the money market, especially changes in key interest rates, students may assess monetary initiatives of the Bank of Canada.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $572.20

★ CECN 511 Economy and Environment

Antirequisite: CECN 510

This upper level liberal studies course looks at the relationship between the economy and the environment. It discusses how economics can help identify key issues in environmental problems. Economic concepts are used to shed light on solutions to the problem of pollution, the management of common property, and the possibility of "sustainable development."

39.0 Hours Fees: $572.20

★ CECN 512 The Economics of Sex

This upper level liberal studies course offers a critical analysis of topics in gender economics and the choices made in modern day relationships of love and sex. It offers an exploration into traditional gender economic issues such as gender differences and educational attainment, occupational choice, labour market participation, and income. The course also applies economics to the choices made with respect to love and sex such as who we chose to love, date, and marry.

39.0 Hours Fees: $572.20

★ CECN 600 Intermediate Macroeconomics II

Prerequisite: CECN 301

The aim of this course is to provide a comprehensive study of dynamic macroeconomic models. Topics include the stylized facts of business cycles, the two-period model, credit market frictions and social security, money and business cycles, and international macroeconomics. The effect of economic shocks and fiscal and monetary policy changes will be examined in the context of both closed and open economies.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage

52.0 Hours Fees: $572.20

★ CECN 603 Economic Issues in Globalization

This upper level liberal studies course provides an analysis of the benefits of international trade. The course examines the effects of tariffs and quotas on industry and provides an appraisal of the arguments for protectionism. Other topics covered are international trade agreements.

39.0 Hours Fees: $572.20

★ CECN 606 International Monetary Economics

Prerequisite: CECN 301

Antirequisite: CECN 607

International monetary economics is devoted to the study of large-scale economic problems in interdependent economies. The focus is on key economic variables such as exchange rates, prices, interest rates, income, wealth, and the current account. Core topics include foreign exchange markets, exchange rates in the short run and the long run, the national and international accounts, the open economy IS-LM model, fixed and floating exchange rate regimes, gains from financial globalization, exchange rate crises and the operation of pegs, and the euro.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

52.0 Hours Fees: $572.20

★ CECN 627 Econometrics I

Prerequisites: (CECN 230 or CMTH 231 or MTH 240 or CMTH 310) and (CECN 329 or CQMS 442 or CMTH 404 or MTH 410 or CMTH 480)

This course is an introduction to econometrics. The main topics of the course are the linear regression model, its estimation and inference. Other topics include heteroscedasticity, endogeneity, and instrumental variable estimation.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

52.0 Hours Fees: $572.20

★ CECN 700 Intermediate Microeconomics II

Prerequisite: CECN 504

The purpose of the course is to examine production functions, cost minimization, and profit maximization decisions of firms under different types of market structures. Price theory to the market structures of monopoly, oligopoly, and monopolistic competition will be extended. Markets for factors of production will be examined as well. This course will give an introduction to game theory as well.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

52.0 Hours Fees: $572.20

★ CECN 702 Econometrics II

Prerequisite: CECN 627

This course is a continuation of ECN 627 and covers some advanced econometric methods. Topics covered may include econometric methods designed for instrumental variables estimation, panel data sets, estimation of discrete choice models, and time series analysis.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

52.0 Hours Fees: $572.20

★ CECN 707 Economics of International Trade I

Prerequisite: CECN 504

Antirequisite: CGMS 601 (formerly IBS 601)

The purpose of this course is to introduce the student to the theory and practice of international economics. The factor proportions theory of trade is explained, and the evidence supporting it examined. Major emphasis is placed on the "new international economics" and its implications for Canadian trade policy. The issues surrounding free trade with the United States are examined, as well as the perceived need for interventionist industrial policies.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

52.0 Hours Fees: $572.20

★ CECN 722 Economic Issues in Professional Sports

Antirequisite: ECN 729

This upper level liberal studies course examines the economics of professional and collegiate athletics. It begins by reviewing the demand, supply, and elasticity, and continues by studying the market structures, labour demand, and supply. Topics to be covered include the benefits of sports franchises and stadiums, strikes, lockouts, salary discrimination, unions, broadcasting rights, free agency, "scalping", salary caps, drafts, and the paying of collegiate athletes.

39.0 Hours Fees: $572.20

☆ CECN 801 Principles of Engineering Economics

Available only to Bachelor of Engineering students.; Chang School Certificate Students should contact Chang School Client Services (ce@torontomu.ca) for details on how to enrol.

Engineering economics is concerned with the problem of investment decision making or capital expenditure analysis. An "investment" problem involves making a decision to allocate financial resources to acquire productive assets that will generate cash flows in future time periods. Engineering economics seeks to develop and apply a logically consistent methodology for evaluating investment projects. Discounted cash flow methods are used in analyzing such projects. In this course we will assume certain cash flows and ignore taxation implications. After developing the mathematics of cash flow equivalence, absolute and relative measures of project worth will be developed and applied to individual and multiple projects. The emphasis will be on private project decisions, but similar methods will be applied to public sector projects.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off-campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage

42.0 Hours Fees: $572.20

Entrepreneurship and Strategy

☆ CBUS 800 Strategic Management

Prerequisite: AFF 310 or CFIN 401;

Antirequisite: CRMG 500; Available only to Business Management and Accounting and Finance students.

Strategic Management is a challenging and exciting course. It serves the function of a capstone course, integrating much of the knowledge gained in other business courses. It is a truly different kind of course. Other courses are concerned with a narrower, more specialized body of knowledge, and as a result are highly structured. Some provide quantitative techniques while others relate to specific skills. The problems and issues of strategy management cover the whole spectrum of business. Weighing the pros and cons of strategy requires a total enterprise perspective and a talent for judging how all of the relevant facts add up. To keep the discussions down to earth, each week real companies will be examined. In addition, the course uses some experiential exercises which may include a simulation. This course is by far the most demanding course in the Business Management Degree and as such it is recommended that students have 10 or fewer courses left to graduate before enroling in this course. (Formerly BUS 700.)

This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

Department Consent Required: Please contact Chang School School Services ce@torontomu.ca for consent to enrol in this course. Include your student number and full name in the email.

This section is reserved for Continuing Education students. Undergraduate students should enrol in an Undergraduate section of this course through the Course Intentions process or during open enrolment on MyServiceHub.

39.0 Hours Fees: $870.86

☆ CENT 401 Design Thinking Experience

This course is a hands-on experiential learning opportunity for multi-disciplinary teams to implement agile rapid prototyping design thinking methods in a creative space. Student teams implement real-world projects in a variety of entrepreneurial contexts: new venture creation, innovation within an existing venture, social innovation, and change making. The course provides a solid theoretical understanding of the major global Design Thinking methods and tools as well as experience in developing a Design Thinking Mindset. The course is offered in an intensive format on weekends or over one week, either on campus or at an off site location. Admission is limited to students that apply and are accepted. Contact the department for application details.

39.0 Hours Fees: $582.11

★ CENT 500 New Venture Startup

Antirequisites: ENT 726, ENT 570, ENT 528 and ENT 56A/B; Not available to Business Management Entrepreneurship students

This introductory course is designed primarily for non-Entrepreneurship students who are interested in starting a business of their own. Topics include assessing entrepreneurial potential, opportunity identification, market assessment, organizing, promoting, and financing the business, intellectual property, buying an existing business or considering a franchise. Students will be expected to work on developing a business plan. This course is not available to Entrepreneurship Majors.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $582.11

☆ CENT 501 Family Business in Canada

Planning, succession and control. The students study many of Canada's internationally known family-run businesses. They will learn about the challenges faced by the owners in planning and succession as well as the impact that family structure plays in determining the future of the firm. Key issues to be examined include the relationship between ownership and management, the strategic planning process, succession planning, technical and management skills, support structures, funding, leadership, and the family structure.

This course is offered in an online, asynchronous format except for its final exam, which is held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

Note: You will have deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $582.11

★ CENT 505 Small-Business Management

Prerequisite: BSM 200;

Antirequisite: ENT 555; Not available to Ted Rogers School of Management students.

This course takes an interdisciplinary perspective on the challenges of managing in a small-business environment. It is designed for students who plan to join a small or medium-sized enterprise company and want to have an improved understanding of the process by which things get done in small businesses that lack the resources and capabilities of large corporations. Topics include elements of managing high growth rates, family business, outsourcing, internships and leveraging external partnerships, guerrilla marketing techniques, cash flow management, bootstrap financing, government programs, and corporate governance in a small business. This course is not available to programs within the Ted Rogers School of Management.

Students who do not have the prerequisite and require academic advising should contact Melissa Johnson, Program Coordinator, at M 1johnso@torontomu.ca.

39.0 Hours Fees: $582.11

★ CENT 526 Entrepreneurial Behaviour and Strategy

This foundation course is designed to stimulate the student's interest in entrepreneurship, thereby cultivating the entrepreneurial spirit. By means of case studies, articles, videos and presentations, students will have the opportunity to learn about many prominent entrepreneurs who have demonstrated commitment, passion, risk-taking, strategic thinking and implementation, and the ability to develop core competencies as they create and grow their successful enterprises. Various topics in entrepreneurship will be introduced as a result.

This course is online and asynchronous except for its final exam (and midterm beginning Winter 2024), which is held in person. This means you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

On-campus exam requirement: Your final exam (and midterm beginning Winter 2024) will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $582.11

★ CENT 601 Identifying Opportunities

Corequisite: CENT 526

This course examines the process of opportunity identification for both start-up and existing business environments. It is designed to cultivate the mindset and skills required for students to engage in opportunity identification activities and make them part of their daily regimen in their personal and professional lives. The entrepreneurial process begins with the pursuit of a perceived opportunity. As such, the ability to identify a valid opportunity is paramount to the field of entrepreneurship.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $582.11

Finance

★ CFIN 300 Managerial Finance I

Prerequisite: CACC 100 or CACC 110 or AFA 100 or Direct Entry;
Antirequisites: AFF 210, CECN 320, HTA 602

Students are introduced to the major concepts in finance and investments which are the time value of money, discounted cash flows, and risk and return. Students are given a thorough introduction to the mathematics of asset valuation. In addition, students learn how individual investors assess and reduce the risk associated with their investment decisions. The course examines how firms make investment decisions. The investment decision allocates scarce resources to projects in the firm, and involves financial forecasting, asset valuation, capital budgeting, risk management, working capital management, and performance assessment.

This course is online and asynchronous except for its midterm and final exam, which is held in person (beginning Fall 2022). This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Beginning Fall 2022, your midterm and final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $582.11

★ CFIN 401 Managerial Finance II

Prerequisite: CFIN 300 or AFF 210 or CECN 320 or HTA 602;
Antirequisite: AFF 310

This course builds on the material in Finance 300. Students learn how firms assess risk when making investment decisions. Students also examine how firms decide to finance projects they assess as being worthwhile. This decision involves capital structure, dividend policy, financial instruments, risk-return trade-offs, financial planning, and the cost of capital. In addition, students are introduced to derivatives, and their uses in investments, risk-management, and capital structure. Firm management in an international context is integrated into the topics covered in the course.

This course is online and asynchronous except for its midterm and final exam, which is held in person (beginning Fall 2022). This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Beginning Fall 2022, your midterm and

final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $582.11

★ CFIN 501 Investment Analysis

Prerequisite: CFIN 401 or AFF 310

Antirequisite: AFF 501

This course is designed to give students an overview of both security analysis and portfolio management. The course covers the valuation of common stock, Treasury bills and bonds, the trade-off between risk and return, the efficient market hypothesis, modern portfolio theory, equilibrium pricing relationships, and the evaluation of portfolio performance. Playing an investment challenge game is a requirement of the course.

This course is online and asynchronous except for its midterm and final exam, which is held in person (beginning Fall 2022). This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Beginning Fall 2022, your midterm and final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $582.11

★ CFIN 502 Personal Financial Planning

Prerequisite: CFIN 300 or HTA 602 or AFF 210

Antirequisite: AFF 502

This course introduces a framework of basic principles and the financial planning techniques used in professional practice. Topics include setting goals and budgeting, family life cycle, taxation, insurance, managing credit and debt, home ownership, and investment principles and types.

This course is online and asynchronous except for its midterm and final exam, which is held in person (beginning Fall 2022). This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Beginning Fall 2022, your midterm and final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $582.11

★ CFIN 512 Risk Management and Insurance

Prerequisite: CFIN 300 or AFF 210 or HTA 602

This course looks at risk exposures and how these risks are addressed. Risk management is a life-long process that involves five steps: identification, evaluation, control, financing, and monitoring. Risks can be managed with control techniques or can be financed using insurance. The course covers different types of insurance; both life, health and disability, and property, home, and automobile insurance. Included are methods to calculate insurance needs.

Online Delivery: This course is offered in an online, asynchronous format except for its final exam and midterm, which are held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

Note: You will have deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

You will be required to write an in-person examination as part of the assessment for your course. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved external invigilation service. Details on how to arrange invigilation will be provided prior to the first day of class.

Classroom Delivery: This course offers on-campus section(s) for the 2022/23 academic year. On-campus sections are identified in each section's detail summary as "Classroom" (and/or "Downtown" as the location). Visit **COVID-19 Updates for Chang School Students** for the most up-to-date guidance on attending on-campus classes.

39.0 Hours Fees: $582.11

★ CFIN 612 Retirement and Estate Planning

Corequisite: CFIN 502 or AFF 502

Antirequisite: AFF 612

This course covers the issues that affect financial needs at retirement-inflation and taxation. Various vehicles for savings for retirement are examined including both private and employer-sponsored. The course also examines ways to withdraw savings at retirement. Estate planning looks at ways to ensure that assets are distributed both in accordance with one's wishes and for the maximum benefit of one's heirs.

This course is online and asynchronous except for its midterm and final exam, which is held in person (beginning Fall 2022). This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Beginning Winter 2023, your midterm and final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $582.11

★ CFIN 621 International Finance

Prerequisite: CFIN 401

Antirequisite: AFF 624

This course will extend the corporate finance material of FIN 401 and the investment-related topics of FIN 501 to the international setting. The overriding theme will be the exposure of multinational corporations and investors to the risk of varying exchange rates. Topics include: international financial markets (i.e., euro currency, bond and equity markets), various parity relationships, forecasting exchange rates, managing exposure to changing exchange rates, multinational capital budgeting, and multi-national cost of capital. (Formerly IBS 621.)

39.0 Hours Fees: $582.11

Global Management Studies

★ CGMS 200 Introduction to Global Management

This course introduces the concepts and complexities of the contemporary business environment with an emphasis on competitiveness, quality, and the main functional areas of management: planning, organizing, controlling, and leadership. The course recognizes the global context within which managerial decisions are made. Topics include: origins of management, forms of business ownership, entrepreneurship and intrapreneurship, organizational structure, strategy, operations management, international business, social, and ethical issues. Instruction will be provided for effective presentations and library research skills. A globally-oriented management simulation may be used. (Formerly MGT 200.)

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $682.93

★ CGMS 400 The Global Business Environment

Prerequisite: CGMS 200 or MGT 200 or MGT 121 or Direct Entry

This course offers an introduction to the global business environment. Students will explore the trend towards increased globalization of the world's economies and the implications for business, consumers, and society in general. The course will also introduce students to a number of strategic decisions firms must make in order to compete effectively in the current global business environment. Factors to be considered in areas such as foreign market entry and the management of global operations will be explored. Students will also have the opportunity to develop an understanding of how business is conducted in key geographic regions such as Asia, Latin America, Africa, and the Middle East. The major cultural, political, and economic factors that shape the approach to business in these regions will be examined. The course will utilize a combination of lectures, case studies, guest speakers, and classroom discussion to reinforce key concepts.

39.0 Hours Fees: $582.11

★ CGMS 401 Operations Management

Prerequisites: (CGMS 200 or MGT 200 or MGT 121) and (CQMS 102 or QMS 110 or QMS 130 or QMS 204 or CITM 107)

Production and operations management are activities that relate to the creation of goods and services through the transformation of inputs into outputs. Topics include: what is production and operations management; productivity, competitiveness and strategy; quality management; product and service design; process selection; design of work systems; learning curves; inventory management: MRP, JIT; maintenance and reliability; project management: P.E.R.T. and C.P.M. (Student groups are required to visit a manufacturing or service facility, produce a report, and do a formal presentation to the class covering the course topics investigated during the tour.) (Formerly MGT 401.)

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and

email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $582.11

★ CGMS 402 Introduction to Managerial Economics

Prerequisites: [(CGMS 200 or MGT 200 or MGT 121) and (CQMS 202 or QMS 210 or QMS 230)] or Direct Entry

A primary emphasis of managerial economics is the application of economic theory and methodology to the practice of business management and decision making. Students will learn how economic tools can be applied to achieve business goals and to address managerial challenges. Topics include: optimization, risk analysis, demand theory and estimation, production and cost theory, market structure, and pricing practices. (Formerly MGT 402.)

39.0 Hours Fees: $582.11

★ CGMS 422 Quality Management

Prerequisites: (CQMS 202 or QMS 210 or QMS 230) or Direct Entry

Quality has become a critical component of many successful businesses. The quest for quality has led to the emergence of a set of analytic tools that help identify, study, and improve business processes. The course examines the development of these management tools and the role that they play in continuous improvement activities. In particular, the student will become familiar with problem solving strategies that begin with a structured qualitative analysis of business situations, incorporate quantitative management methods, and lead to well-reasoned decisions. Appropriate software support will be used. (Formerly QMS 402.)

39.0 Hours Fees: $582.11

★ CGMS 522 International Marketing

Prerequisite: CMKT 100 or HTM 302 or Direct Entry

Basic marketing principles are applied to world markets. Emphasis in the course is given to the analysis of economic, political, cultura,l and social factors. This course also covers conditions relevant to the implementation of marketing strategies in world markets. (Formerly IBS 522 and MKT 522.)

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $582.11

★ CGMS 528 Issues in Operations Management

Prerequisite: CGMS 401 or MGT 401 or Direct Entry

This course will provide an evolving survey of leading-edge topics in operations management. Current topics include: world class manufacturing, manufacturing as a competitive weapon, competing on quality, competing on productivity, competing on new products and processes, planning and implementing operations strategies over time, health and safety as a competitive advantage. Student groups will be required to prepare case studies and a major paper. (Formerly MGT 528)

39.0 Hours Fees: $582.11

★ CGMS 690 The North American Business Environment

Prerequisite: CGMS 200 or MGT 200 or Direct Entry

This course provides an overview of the North American business environment. It examines the cultural, political, and economic environments in Canada, the US, and Mexico. Trade and economic integration issues are discussed including an assessment of the North American Free Trade Agreement (NAFTA) and the potential impact on these three countries of the proposed Free Trade Area of the Americas (FTAA). The course will also introduce students to the key institutions that impact trade and business activities in North America and will examine the strategies used by foreign multinational corporations in penetrating North American markets. Current and controversial issues such as trade in bulk water and a continental energy plan will also be covered. The long run international competitive position of North American firms is also examined in this course. GMS 690 is designed to provide a suitable comparative framework for understanding other regional markets and will be particularly useful for international and exchange students.

This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $637.42

★ CGMS 691 The Asian Business Environment

Prerequisite: CGMS 200 or MGT 200 or Direct Entry

This course examines cultural, demographic, political, and economic issues that shape the Asian business environment. The region as a whole is profiled but particular attention is paid to China and India as emerging super powers. The importance of foreign direct investment to the development of this region is underscored as well as the emergence of Asian multinationals and their approach to outward direct investment. The challenges encountered by Western firms in penetrating Asian markets are discussed in detail. Consideration is given to the role of government in business transactions in this part of the world and the need for innovative strategies when dealing with Asian business partners. Special topics will include globalization versus sustainable development and the role of Asian countries in global outsourcing.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $637.42

★ CGMS 692 The European Business Environment

Prerequisite: CGMS 200 or MGT 200 or Direct Entry

This course focuses on European economic integration and the implications for business. The nature of the European business environment is examined including a discussion of the economic and political institutions, culture, and demographic trends. Market size, growth, trade, and investment prospects for the Euro zone countries and the UK are examined. The foreign market entry strategies of multinational corporations active in this region will also be discussed. The course will also consider the prospects for Eastern Europe and the challenges these countries face in implementing free enterprise market reforms. Implications for EU enlargement are discussed.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $637.42

★ CGMS 723 International Trade

Prerequisite: CGMS 401 or MGT 401 or HTF 506 or Direct Entry

An analysis of the important business function of international trade. After a review of the importance of exports for Canada's income and employment needs, students focus attention from an export manager's perspective, on such topics as export organization, research, and pricing; export documentation and correspondence; export marketing strategies; government and private export assistance; export finance; marine insurance, and export shipping. This course also includes an examination of international databases and involves direct company field research. Students who have taken MKT 522 or IBS 522 should have a stronger foundation for applying this course. This course is intended as a fourth year course. (Formerly IBS 723 and MGT 723.)

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $582.11

★ CGMS 724 Management of International Enterprise

Prerequisite:CGMS 401 or MGT 401 or HTF 506 or Direct Entry

An analysis of the management policies of the multinational business corporation in Canada and the world. Topics covered: the evolution of the multinational corporation, its organization, structure, planning, and goals. Also covered are business strategies including marketing, production, logistics, technology, personnel and labour relations, finance, investment and acquisition, ownership, concerns of host countries including Canada, and policies for host governments. Lectures, discussion, and case problems. (Formerly IBS 724 and MGT 724.)

39.0 Hours Fees: $582.11

★ CGMS 802 Ethics and Regulation of Int'l Bus

Prerequisite:CGMS 401 or MGT 401 or MGT 100/CGMS 200 or Direct Entry

This course examines the vital role that ethics plays at all leadership levels within a company. Students will discover the importance of instilling ethical values as a key to long-term success. Exposure to thought-provoking cases and literature will heighten student awareness of the need to develop strong ethical leadership in dealing with customers, the community, and employees. Students will also be exposed to the critical role of governments in regulating international business behaviour. (Formerly MGT 802.)

39.0 Hours Fees: $582.11

Human Resources

★ CMHR 405 Organizational Behaviour

This course introduces students to theories of organizational behaviour. Topics include motivation, communication, team dynamics, conflict, perception, attitudes, personality, power, influence and leadership.

Online course sections are primarily asynchronous, except for required one-hour weekly live online sessions and in-person midterm and final exams. In addition to the live sessions, you will engage in course-related activities through online tools such as announcements, discussions, and email to complement your independent learning.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Further details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Your midterm and final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from TMU, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details about your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $674.82

★ CMHR 522 Union Management Relations

This course examines theories of industrial relations, union organization and structure, labour legislation in Canada, negotiating and administering the collective agreement, among other topics. The aim is to introduce the student to the complexities of the labour management relationship and to explore various techniques for successfully managing this critical area of business. (Formerly called Industrial Relations.)

39.0 Hours Fees: $582.11

★ CMHR 523 Human Resources Management

Antirequisites: CRI 700 and CHSM 437

This course introduces students to the dynamic and diverse field of Human Resources Management and provides a foundation in theory and practice for areas such as human resources planning, recruitment, and selection of staff, training and development, and compensation. Current events, human resources strategy, relevant legislation, and future trends are also explored. The course provides students with the fundamentals necessary to effectively administer the human resources function of an organization, and also develops their abilities to perform effectively in teams. (Formerly MGT 523 and MHR 728.)

Online course sections are primarily asynchronous, except for required one-hour weekly live online sessions and in-person midterm and final exams. In addition to the live sessions, you will engage in course-related activities through online tools such as announcements, discussions, and email to complement your independent learning.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Further details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Your midterm and final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from TMU, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details about your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $623.47

★ CMHR 600 Diversity and Inclusion in the Workplace

Prerequisite: CMHR 523 or HTH 503 or Direct Entry

The Canadian workforce has become more diverse in recent decades and is projected to be more so in the coming years. For example, women now account for almost half of the Canadian labour force. The aging of the Canadian population and the abolition of mandatory retirement means that a number of generations will be working side by side with each other. With globalization and the greater mobility of workers around the world, racial/ethnic minorities will soon account for one in three working Canadians in the not-too-distant future. A number of organizations have already realized the importance of all Canadians irrespective of gender, age, race/ethnicity, sexual orientation, religion, and other dimensions of diversity in order to remain competitive on the global stage. This course will explore the opportunities and challenges of working in and managing diverse and inclusive workplaces.

39.0 Hours Fees: $582.11

★ CMHR 623 Recruitment and Selection

Prerequisite: CMHR 523 or HTH 503 or Direct Entry

This course builds on the knowledge gained in MHR 523. It is designed to develop the student's knowledge, skills, and abilities in three significant integrated Human Resource areas: job analysis, recruitment, and selection. Students will conduct a job analysis, investigate recruitment strategies and develop a job advertisement; examine various selection tools; and practice interviewing simulated job applicants. The course uses an experiential learning design, and students have opportunities to practice skills that are central to effective hiring decisions.

39.0 Hours Fees: $582.11

★ CMHR 711 Occupational Health and Safety

Prerequisite: CMHR 523 or HTH 503 or Direct Entry;
Not available to students in Occupational and Public Health.

This course is designed to provide students with an introduction to the growing and changing field of Occupational Health and Safety Management. The multiple dimensions of the subject – technical, legislative, political, personal, and moral – will be covered. Topics will include: legislation, accident prevention, sickness, lateness and absenteeism, establishing corporate physical and mental health policies, practices and programs, monitoring of the workplace environment, and establishing industrial hygiene standards and corporate health and safety policies.

This course is online and primarily asynchronous, except for required one-hour weekly live online sessions and in-person midterm and final exams. In addition to the live sessions, you will engage in course-related activities through online tools such as announcements, discussions, and email to complement your independent learning.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Further details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Your midterm and final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from TMU, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details about your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $582.11

★ CMHR 733 Training and Development

Prerequisite: CMHR 523 or HTH 503 or Direct Entry

This course explains how the training and development function furthers an organization's strategy and its performance management process. It helps students understand and apply relevant theories to the design, delivery, and evaluation of training programs. Related topics include: assessing training needs, setting learning outcomes and training objectives, designing, delivering, and evaluating training programs.

39.0 Hours Fees: $582.11

★ CMHR 749 Compensation Management

Prerequisite: CMHR 523 or HTH 503 or Direct Entry

This course provides students with an understanding of the principles, processes, issues, and techniques involved in establishing compensation and reward programs in organizations within a framework of fairness and equity. Compensation will be looked at from the perspective of base pay, benefits, and incentive pay. As well, students will be introduced to the relationship between motivation theories and effective remuneration and reward programs. The course will focus on the major components in developing an effective compensation and rewards program such as legislation, principles of equity and fairness, job analysis, job evaluation, compensation surveys, benefits, and incentives. Current events in relation to compensation and rewards will be explored.

39.0 Hours Fees: $582.11

★ CMHR 841 Organization Theory and Design

Prerequisite: CMHR 405 or HTH 601

At some stage along one's career path the entrepreneur or manager will have to confront issues such as the changing global environment, mergers and acquisitions, technological advances and innovations, organizational politics, and conflict resolution. Organizations must change to accommodate these new internal and external contingencies. This course aims to provide students with an in-depth understanding of organizational structure and design in relationship to these issues. Topics include: organization environment, organic and mechanistic structures, the open system concept, impact of technology, global organization structures and contemporary approaches, management of innovation and change, organizational culture and ethical values, and organizational politics. (Formerly MGT 841.)

39.0 Hours Fees: $650.98

Industrial Engineering

★ CIND 110 Data Organization for Data Analysts

This course provides a foundation in data management for data analysts. Topics include database architectures, formation of queries, queries themselves, data warehousing, relational database systems, NoSQL, and responsibilities of data management professionals.

Students are recommended to check the important dates for The Chang School of Continuing Education current term before enroling in the course and paying the fees. Notably, the Azure Virtual Desktop assigned to students will be accessible two days after the course's starting date, and swapping between sections will not be permitted.

Students are also encouraged to download the Microsoft Remote Desktop app to access the software needed to complete this course's requirements. Students also need to test the compatibility of the computer they plan to use before the first session, as machines operated using a third-party administrator, such as laptops provided by a workplace, may not allow access to the required software/download(s). International students might need to use their virtual private network (VPN) software if they cannot connect to University resources.

Classroom Delivery: This course offers on-campus section(s) for the 2022/23 academic year. On-campus sections are identified in each section's detail summary as "Classroom" (and/or "Downtown" as the location). Visit **COVID-19 Updates for Chang School Students** for the most up-to-date guidance on attending on-campus classes.

42.0 Hours Fees: $1030.12

★ CIND 119 Introduction to Big Data

This course is designed to give students an overview of big data, state of the practice in analytics, the role of the data scientist, big data analytics in industry verticals, and analytics life-cycle as an end-to-end process. It focuses on key roles for a successful analytic project, main phases of the life-cycle, developing core deliverables for stakeholders, team work skills, and problem solving skills.

Students are recommended to check the important dates for The Chang School of Continuing Education current term before enroling in the course and paying the fees. Notably, the Azure Virtual Desktop assigned to students will be accessible two days after the course's starting date, and swapping between sections will not be permitted.

Students are also encouraged to download the Microsoft Remote Desktop app to access the software needed to complete this course's requirements. Students also need to test the compatibility of the computer they plan to use before the first session, as machines operated using a third-party administrator, such as laptops provided by a workplace, may not allow access to the required software/download(s). International students might need to use their virtual private network (VPN) software if they cannot connect to University resources.

Classroom Delivery: This course offers on-campus section(s) for the 2022/23 academic year. On-campus sections are identified in each section's detail summary as "Classroom" (and/or "Downtown" as the location). Visit **COVID-19 Updates for Chang School Students** for the most up-to-date guidance on attending on-campus classes.

42.0 Hours Fees: $1030.12

★ CIND 123 Data Analytics: Basic Methods

This course is an introduction to R, analyzing and exploring data with R, and using R with a database. It focuses on statistics for model building and evaluation. Topics cover experimental research, correlation analysis, regression, confidence intervals, and group comparisons, and parametric and non-parametric models.

Students are recommended to check the important dates for The Chang School of Continuing Education current term before enroling in the course and paying the fees. Notably, the Azure Virtual Desktop assigned to students will be accessible two days after the course's starting date, and swapping between sections will not be permitted.

Students are also encouraged to download the Microsoft Remote Desktop app to access the software needed to complete this course's requirements. Students also need to test the compatibility of the computer they plan to use before the first session, as machines operated using a third-party administrator, such as laptops provided by a workplace, may not allow access to the required software/download(s). International students might need to use their virtual private network (VPN) software if they cannot connect to University resources.

42.0 Hours Fees: $1030.12

★ CIND 719 Big Data Analytics Tools

Department Consent Required. Please submit the Request Department Consent form, or contact Ceni Babaoglu, Assistant Program Director, Data Science at cenibabaoglu@torontomu.ca for more information.; Department consent may be provided if the student has specific professional experience.

This course is an introduction to learning big data tools with a focus on the Hadoop Ecosystem. Students will gain a clear understanding of Hadoop concepts, technology landscapes, and market trends. They will learn how to construct queries of moderate to high complexity using Pig/Hive to work with big data. Students will get hands-on experience working with interesting real-world datasets as geo-tagged social media posts, check-in datasets, and business tracking platform review data. Various use cases will be utilized such that students can apply what they learned in their daily work.

Students are recommended to check the important dates for The Chang School of Continuing Education current term before enroling in the course and paying the fees. Notably, the Azure Virtual Desktop assigned to students will be accessible two days after the course's starting date, and swapping between sections will not be permitted.

Students are also encouraged to download the Microsoft Remote Desktop app to access the software needed to complete this course's requirements. Students also need to test the compatibility of the computer they plan to use before the first session, as machines operated using a third-party administrator, such as laptops provided by a workplace, may not allow access to the required software/download(s). International students might need to use their virtual private network (VPN) software if they cannot connect to University resources.

Students who wish to take CIND 719 and CIND 840 Practical Approaches in Machine Learning concurrently, as part of the Practical Data Science and Machine Learning Certificate should contact Ceni Babaoglu, Assistant Program Director, Data Science at cenibabaoglu@torontomu.ca.

42.0 Hours Fees: $1030.12

NEW!

★ CIND 820 Big Data Analytics Project

Prerequisite: IND 405 or CMTH 642

This course is intended to engage students in hands-on applications of big data analytics methods and techniques in a project setting. Working with a faculty supervisor, students will apply big data analytics in respect to their real-world area of interest by using open source data.

Students are recommended to check the important dates for The Chang School of Continuing Education current term before enroling in the course and paying the fees. Notably, the Azure Virtual Desktop assigned to students will be accessible two days after the course's starting date, and swapping between sections will not be permitted.

Students are also encouraged to download the Microsoft Remote Desktop app to access the software needed to complete this course's requirements. Students also need to test the compatibility of the computer they plan to use before the first session, as machines operated using a third-party administrator, such as laptops provided by a workplace, may not allow access to the required software/download(s). International students might need to use their virtual private network (VPN) software if they cannot connect to University resources.

Students enroled in this course are permitted to enrol in the first two courses (CIND 719 Big Data Analytics Tools and/or CIND 840 Practical Approaches in Machine Learning) of the Practical Data Science and Machine Learning Certificate, which builds on the accumulated quantitative knowledge accomplished in the Data Analytics, Big Data, and Predictive Analytics Certificate. To obtain a permission waiver, please email Chang School Client Services (ce@torontomu.ca).

42.0 Hours Fees: $1030.12

NEW!

★ CIND 830 Python Programming for Data Science

This course is an introduction to Python, analysing and exploring data and doing machine learning with Python. Topics cover basics in Python programming language as well as visualization and exploratory data analysis in Python. Python libraries such as NumPy, Pandas, Matplotlib, and Seaborn, which are essential for data science, will be introduced

Students are recommended to check the important dates for The Chang School of Continuing Education current term before enroling in the course and paying the fees. Notably, the Azure Virtual Desktop assigned to students will be accessible two days after the course's starting date, and swapping between sections will not be permitted.

Students are also encouraged to download the Microsoft Remote Desktop app to access the software needed to complete this course's requirements. Students also need to test the compatibility of the computer they plan to use before the first session, as machines operated using a third-party administrator, such as laptops provided by a workplace, may not allow access to the required software/download(s). International students might need to use their virtual private network (VPN) software if they cannot connect to University resources.

Classroom Delivery: This course offers on-campus section(s) for the 2022/23 academic year. On-campus sections are identified in each section's detail summary as "Classroom" (and/or "Downtown" as the location). Visit **COVID-19 Updates for Chang School Students** for the most up-to-date guidance on attending on-campus classes.

42.0 Hours Fees: $1030.12

NEW!

★ CIND 840 Practical Approaches in Machine Learning

Prerequisites: CMTH 642; Registered certificate program students who do not have the prerequisite and who wish to take this course should submit this form: Request Department Consent, or contact Ceni Babaoglu, Assistant Program Director, Data Science at cenibabaoglu@torontomu.ca for more information.; A prerequisite may be waived if the student has specific professional experience.

This course covers the major ideas and principles underlying current practices of data mining. It starts with what machine learning is, where it can be used and different kinds of knowledge representations that are involved. Then, the course spans advanced techniques of data mining, at the lowest and most detailed levels. Finally, the course is wrapped up by covering techniques of "ensemble learning," which combine the output from different learning techniques. On each topic, examples in Python are provided as lab materials.

Students are recommended to check important dates for The Chang School of Continuing Education current term before enroling in the course and paying the fees. Notably, the Azure Virtual Desktop assigned to students will be accessible two days after the course's starting date, and swapping between sections will not be permitted.

Students are also encouraged to download the Microsoft Remote Desktop app to access the software needed to complete this course's requirements. Students also need to test the compatibility of the computer they plan to use before the first session, as machines operated using a third-party administrator, such as laptops provided by a workplace, may not allow access to the required software/download(s). International students might need to use their virtual private network (VPN) software if they cannot connect to University resources.

Students who wish to take CIND 840 and CIND 719 Big Data Analytics Tools concurrently, as part of the Practical Data Science and Machine Learning Certificate should contact Ceni Babaoglu, Assistant Program Director, Data Science at cenibabaoglu@torontomu.ca.

42.0 Hours F ees: $1030.12

NEW!

★ CIND 850 Practical Deep Learning

Prerequisite: CIND 840

This course covers an introduction to deep learning, building foundations of neural networks, and doing practical deep learning with AI Platform. Topics cover supervised and unsupervised machine learning as well as basics in neural networks, convolutional, and recurrent neural networks. It focuses on building deep learning applications with AI Platform.

Students are recommended to check important dates for The Chang School of Continuing Education current term before enroling in the course and paying the fees. Notably, the Azure Virtual Desktop assigned to students will be accessible two days after the course's starting date, and swapping between sections will not be permitted.

Students are also encouraged to download the Microsoft Remote Desktop app to access the software needed to complete this course's requirements. Students also need to test the compatibility of the computer they plan to use before the first session, as machines operated using a third-party administrator, such as laptops provided by a workplace, may not allow access to the required software/download(s). International students might need to use their virtual private network (VPN) software if they cannot connect to University resources.

42.0 Hours Fees: $1030.12

NEW!

★ CIND 860 Advanced Data Analytics Project

Prerequisite: CIND 850

This course will be based on a hands-on application of data mining and deep learning techniques in a project setting. The advanced capstone course is intended to bring advanced data analytics methods, techniques, and approaches, and apply them to a real-world area of interest. Working with a faculty supervisor, participants will apply what they have learned in the two courses and implement their analysis through Python and AI Platform.

Students are recommended to check important dates for the Chang School current term before enroling in the course and paying the fees. Notably, the Azure Virtual Desktop assigned to students will be accessible two days after the course's starting date, and swapping between sections will not be permitted.

Students are also encouraged to download the Microsoft Remote Desktop app to access the software needed to complete this course's requirements. Students also need to test the compatibility of the computer they plan to use before the first session, as machines operated using a third-party administrator, such as laptops provided by a workplace, may not allow access to the required software/download(s). International students might need to use their virtual private network (VPN) software if they cannot connect to University resources.

42.0 Hours Fees: $1030.12

Law

★ CLAW 122 Business Law

This is an introductory course, prerequisite to further studies in law. The course begins with a discussion of the nature and sources of law and an examination of the court system in Canada, the Charter of Rights and Freedoms, and a survey of the more important aspects of the law of torts. The course then concentrates on the legal requirements for the formation of a valid contract. Other major contract law topics include interpretation, privity, discharge, breach, and special types of contracts. Selected cases will be examined.

Online Section(s) of this course area synchronous except for its final exam, which is held in person (beginning Fall 2022). This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement (for online sections): Beginning Fall 2022, your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $582.11

★ CLAW 326 Law for Health Managers

An overview of law relating to Canadian health care delivery, principally from an Ontario perspective. Topics include the constitutional framework, regulation of health professions, medical ethics, public health, coroners' inquests, litigation, capacity and informed consent, powers of attorney, substitute decisions including end of life, mental health, health information and privacy, employment rights, dispute resolution, and how to search for applicable statutes, regulations and case law. (Formerly HSM 326.)

This course is offered in an online, asynchronous format except for its final exam, which is held on campus. Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

Note: You will have deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $623.47

★ CLAW 401 Information Access and Privacy Protection

Prerequisites: CLAW 122

This course aims to provide students with an introduction to key concepts of information access and protection of privacy, and to provide practical skills on managing these two domains. It will highlight relevant principles and practices through an examination of applicable federal and provincial legislation with an Ontario emphasis.

The prerequisite may be waived for registered certificate program students who can demonstrate adequate professional experience or education related to business law that satisfies program requirements. Please contact the Academic Coordinator Chris MacDonald, at chris.macdonald@torontomu.ca for more information.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $582.11

★ CLAW 402 Health Information Access and Privacy

Prerequisite: CLAW 122; The prerequisite may be waived for registered certificate program students who can demonstrate adequate professional experience or education related to business law that satisfies program requirements. Please contact the Academic Coordinator Chris MacDonald, at chris.macdonald@torontomu.ca for more information.

Laws governing health information privacy, access, and management have an impact on healthcare providers, public bodies with a role in the healthcare sector, employers, professional regulatory bodies, fundraisers, insurers, and researchers. This course is designed to assist these individuals develop a thorough understanding of the policies, practices, laws, and regulation that address confidentiality, privacy, and security of health information.

This course is designed for professionals primarily in the healthcare sector, who have special interest in privacy law. A student, who does not have a foundation in privacy basics OR an understanding of the operation of the health sector, should take CLAW 401 prior to CLAW 402

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $582.11

★ CLAW 525 The Law of the Marketplace

Prerequisite: CLAW 122

An examination of the law concerning the marketplace in Canada. Common law precedents and federal and provincial statutes which govern business practices and define legal rights and remedies in the commercial environment are analyzed. Major topics include product liability, consumer warranties, misleading advertising, regulation of competition, hazardous products, packaging and labelling, consumer credit transactions, and privacy and freedom of information legislation. Relevant statutes and selected cases are examined.

39.0 Hours Fees: $582.11

★ CLAW 529 Employment and Labour Law

Prerequisite: CLAW 122

This course is designed to acquaint the student with a general understanding of labour and employment law, particularly in Ontario. The role of common law and Ontario statutes affecting workers is examined. Legislation and case law concerning hiring employment contracts, employment standards, human rights, privacy, health and safety, and wrongful dismissal is reviewed. The latter part of the course introduces the collective bargaining relationship with particular concentration on the Labour Relations Act. Relevant statutes and selected cases are examined.

The prerequisite may be waived for registered certificate program students who can demonstrate adequate professional experience or education related to business law that satisfies program requirements. Please contact the Academic Coordinator Chris MacDonald at chris.macdonald@torontomu.ca for more information.

This course is online and asynchronous except for its final exam, which is held in person (beginning Fall 2022). This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Beginning Fall 2022 your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class.

39.0 Hours Fees: $582.11

☆ CLAW 601 Intellectual Property Law

Prerequisite: CLAW 122

This Course is for students seeking solid grounding in Intellectual Property law. IP rights (including patents, copyrights, trademarks, industrial designs, confidential information, geographical indicators, traditional knowledge, and personality rights) have increasing significance in manufacturing and knowledge-based economies. Twenty-first century business environments require working knowledge of IP and the ability to interact with IP assets and internal/external IP professionals. Course reviews current Canadian IP law and provides practical advice/strategies for dealing with IP issues.

39.0 Hours Fees: $582.11

★ CLAW 603 Advanced Business Law

Prerequisite: CLAW 122

This course begins with an examination of the law governing business relationships and forms of business organizations, including the legal requirements for the formation of the corporation and partnership. Special contractual relationships affecting business are studied followed by an examination of the law pertaining to secured transactions and bankruptcy procedures. The course also surveys the law of real property, including the leasehold interest and mortgages. Relevant statutes and selected cases are examined.

Online section(s) of this course area synchronous except for its final exam, which is held in person (beginning Fall 2022). This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement (for online sections): Beginning Fall 2022, the final exam for this course will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class.

39.0 Hours Fees: $582.11

★ CLAW 723 Issues in Information Technology Law

Prerequisite: CLAW 122

This course focuses on emerging legal problems associated with the growth of information technology in Canada and internationally. It focuses on the legal protection of electronic information and technology through patents, copyright, trademarks and trade secrets, and upon contractual issues (electronic signatures, problems of verification, contracts which must be in writing, and security of information) in the procurement of products and services, especially through the Internet and other e-commerce conduits. A range of other topics, such as data protection and privacy, the regulation of the Internet, the harmonization of law globally, computer crime, and remedies will be discussed. Students should be in their graduating year.

39.0 Hours Fees: $582.11

★ CLAW 724 Legal Aspects of International Business

Prerequisite: CLAW 122

This course will acquaint the businessperson with the legal aspects of doing business in a global environment. It will include legal considerations relevant to entrepreneurs engaged in import or export and to companies seeking greater presence in foreign countries as well as legal principles applicable to multinational corporations. Topics covered will include: bilateral and multilateral trade agreements including the GATT, the EC and the Canada-U.S. Free Trade Agreement; legal aspects of the international sale of goods; legal aspects of financing international sales of goods; forms of business organization abroad; licensing and franchising; international protection of intellectual property; comparative anti-trust legislation; conflict of laws and international settlement of disputes. Students choosing LAW 724 should be in their graduating year. (Formerly IBS 800.)

The prerequisite may be waived if the student has specific professional experience. Registered certificate program students without the course prerequisites who wish to take this course, may contact the Academic Coordinator Chris MacDonald at chris.macdonald@torontomu.ca for more information.

39.0 Hours Fees: $582.11

✪ CZLW 120 Law for Forensics Professionals

The legal environment in which computer security and digital forensics practitioners operate is complex and rapidly evolving. Criminal law, commercial law, privacy and human rights, intellectual property law, the rules of evidence, and rules of civil procedure are all involved. This course will introduce students to these and other laws and legal frameworks (Canadian and international) as they affect the work of security and forensics professionals. Particular emphasis will be placed on the legality of ethical hacking, collection and preservation of digital evidence, privacy, rights of the accused, and the role and responsibility of the expert witness in court. Students will be taught basic legal concepts, how to read and understand relevant statutes an case law, and how to prepare an expert report for lawyer/client, law enforcement, or the court.

39.0 Hours Fees: $1037.97

✪ CZLW 327 Privacy By Design

As ubiquitous computing and data analytics proliferate, privacy, trust, and innovation are becoming essential. This course will provide a deep-dive into Privacy by Design, an internationally recognized framework for proactively embedding privacy into the design of information technologies and business practices to gain a competitive advantage. The need to reject zero-sum (win/lose) models will be explained, in favour of adopting doubly-enabling (win/win) positive-sum paradigms.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $752.66

✪ CZLW 527 Applying Privacy and Access

This is a capstone course and therefore can only be taken after students have successfully completed their first five courses in the Privacy, Access, and Information Management certificate (CLAW 401, CZIT 427, CZLW 327, 2 Electives). Students must request department consent by emailing Chang School Client Services (ce@torontomu.ca) for permission to enrol in this course. This course is currently offered in the Winter term only.

This is the Privacy, Access, and Information Management certificate's culminating course in which students will apply the principles of privacy and access to a project focused on an emerging technology within a particular sector. Emphasis will be placed on topics previously covered in the required courses such as privacy by design, established professional privacy and access practices, the impact of technology, and the role of stakeholder engagement and organizational values.

Marketing

★ CMKT 100 Principles of Marketing

Antirequisite: HTM 302

This course introduces students to the fundamental building blocks of marketing: the theories, principles and concepts of market behaviour; marketing metrics and financial marketing; and the skills to leverage this knowledge with IT tools to execute marketing strategies. Students begin to develop the quantitative and qualitative skills and knowledge to make effective and ethical decisions in both the consumer and business markets. Topics include financial marketing, the marketing mix, environmental scanning, segmenting, targeting and positioning. Students planning to enter the Marketing Management Major must obtain a 2.67 GPA (B-) in this course.

Department Consent Required: Please contact ce@torontomu.ca for consent to enrol in this course. Include your student number and full name in the email.

This section is reserved for Continuing Education students.Undergraduate students should enrol in an Undergraduate section of this course through the Course Intentions process or during open enrolment on MyServiceHub.

39.0 Hours Fees: $770.65

★ CMKT 300 Marketing Metrics and Analysis

Prerequisite: CMKT 100 or HTM 302 or Direct Entry

This course provides students with state-of-the-art contemporary demand and supply marketing metrics and analytic tools, such as marketing research, share of mind, margins and profits, product, sales force, and channel management, advertising media, and web metrics to integrate marketing performance with the firm's strategic thrusts and corporate finances. Students are introduced to the case method as a model for critically analyzing situations and developing evidence-based, ethical decision-making skills using marketing theory and marketing metrics.

Department Consent Required: Please contact Chang School Client Services (ce@torontomu.ca) for consent to enrol in this course. Include your student number and full name in the email.

This section is reserved for Continuing Education students.Undergraduate students should enrol in an Undergraduate section of this course through the Course Intentions process or during open enrolment on MyServiceHub.

39.0 Hours Fees: $582.11

★ CMKT 400 Understanding Consumers and the New Media

Prerequisite: CMKT 300

Antirequisites: MKT 502, RMG 302

The online world is becoming more social and therefore more like the offline world. This shift has changed the nature of marketing from one-way mass communication to a conversation. This course uses social science theories to understand consumers and design effective marketing strategies with an emphasis on digital media applications. This theoretical course is fundamental to analyzing, interpreting, and understanding the personal, psychological, social, and economic aspects of the marketing environment.

39.0 Hours Fees: $582.11

★ CMKT 500 Marketing Research

Prerequisite: CMKT 300

Antirequisites: RMG 700 and HRT 741

This course examines the role of marketing research in making strategic marketing decisions through the application and use of the scientific method and traditional quantitative and qualitative marketing research tools. Students hone their quantitative skills by developing a deeper understanding of the importance of large datasets, Web analytics and secondary analysis, and the role of financial and other marketing metric data in evidence-based and ethical decision-making. Group project work develops communication and teamwork skills.

39.0 Hours Fees: $582.11

★ CMKT 504 Effective Persuasion

Prerequisite: CMKT 100 or HTM 302 or Direct Entry;

Antirequisite: HTM 604

This course covers the fundamentals of the sales process and personal persuasion in the business world. Students work individually and in groups to discuss the theories and practice of effective techniques for selling themselves, their ideas, and/or their products to prospective employers and/or customers. Students participate in discussions and role playing to develop an ethical understanding of customer interface, and high level communication and interpersonal skills, which are the cornerstones for successful selling.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

Please note: Online sections of this course are only available to Chang School Continuing Education students who are not currently pursuing a TMU undergraduate degree. Apply for permission to enrol in these sections

39.0 Hours Fees: $582.11

★ CMKT 510 Innovations in Marketing

Prerequisite: CMKT 400 or CRMG 302

This course focuses on understanding current issues, trends and challenges facing marketers from the perspective of marketing theory, marketing metrics, and IT tools and capabilities. Issues include brand equity, the social web, advertising and communication, business to business marketing, "green" marketing, marketing and public policy, and product/service innovation. (Transfer credits will not be granted.)

39.0 Hours Fees: $582.11

★ CMKT 600 Integrated Case Analysis

Prerequisite: CMKT 400 or CRMG 302

This course provides an opportunity for students to integrate skills and knowledge already learned about marketing theory and principles, marketing metrics, and the strategic opportunities afforded by technology. Using comprehensive cases that reflect a variety of marketing issues, situations and challenges, students enhance their written and oral communication skills through case analysis and presentations conducted in teams. The course focuses on enhancing analytic, synthesis, integration and research skills to arrive at an evidence-based recommendation. (Transfer credits will not be granted).

Department Consent Required: Please contact Chang School Client Services (ce@torontomu.ca) for consent to enrol in this course. Include your student number and full name in the email.

This section is reserved for Continuing Education students. Undergraduate students should enrol in an Undergraduate section of this course through the Course Intentions process or during open enrolment on MyServiceHub.

39.0 Hours Fees: $582.11

★ CMKT 700 Business Intelligence/Decision Modeling

Prerequisite: CMKT 500

This quantitative course advances and enhances skill with marketing metrics through experience with relational databases, data preparation, data analysis, predictive modeling, and common software suites. Using case studies and spreadsheets, students gain insight into when and how to apply data modeling techniques, such as linear regression, logistic regression, decision trees, neural analysis and customer clustering, and their role in strategic decision-making and market plan development. (Transfer credits will not be granted.)

39.0 Hours Fees: $582.11

★ CMKT 702 Advanced Marketing Management

Prerequisites: CMKT 500 and (CMKT 510 or CMKT 600)

This advanced course provides students with a deep understanding of the integration of all marketing functions, practices, and theories in order to address strategic problems and challenges. Case studies, class discussions, and small group projects with external clients allow students to apply their theoretical knowledge, and employ their IT and quantitative skills, while experiencing real business situations and the challenges of developing effective marketing strategies in a dynamic business environment. (Transfer credits will not be granted.)

39.0 Hours Fees: $582.11

★ CMKT 828 Sport Marketing Concepts and Strategy

Prerequisite: CMKT 100 or HTM 302 or Direct Entry;
Antirequisite: MKT 827

This course exposes students to the fundamental concepts and strategies related to marketing in sport and recreation organizations. The course adopts an applied approach and emphasizes university/college, technology and sport sponsorship, focusing on the practical application of theory. Topics include the Canadian sport industry, sport brands, media and distribution, promotion, and events.

39.0 Hours Fees: $582.11

Mathematics

☆ CMTH 108 Linear Algebra

Systems of linear equations, matrices determinants, vectors, geometry, linear transformations, linear independence, basis, dimension, eigenvalues and eigenvectors, complex numbers, applications.

This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

65.0 Hours Fees: $1002.06

☆ CMTH 110 Discrete Mathematics I

This course covers the fundamentals of discrete mathematics with a focus on proof methods. Topics include: propositional and predicate logic, notation for modern algebra, naive set theory, relations, functions, and proof techniques.

52.0 Hours Fees: $1081.35

★ CMTH 131 Modern Mathematics I

Limits and continuity. Differentiation with applications. Newton-Raphson method. Integration; the Fundamental Theorem of Calculus.

52.0 Hours Fees: $1081.35

★ CMTH 207 Calculus and Computational Methods I

Calculus of functions of one variable and related numerical topics. Derivatives of algebraic, trigonometric, and exponential functions. Differentiation techniques and applications of derivatives. Techniques of integration.

It is recommended that students take OAC or Grade 12 U Calculus prior to taking this course.

65.0 Hours Fees: $1156.25

★ CMTH 231 Modern Mathematics II

Prerequisite: CMTH 131
Antirequisites: CMTH 310 and MTH 240

Implicit functions and differentiation. Related rates, concavity, inflection points, and asymptotics. Optimization. L'Hôpital's rule. Applications of integration. Techniques of integration. Vectors: geometric and analytic descriptions; dot product, orthogonality, and projection; cross product; lines and planes in 3-space.

52.0 Hours Fees: $1081.35

★ CMTH 310 Calculus and Computational Methods II

Prerequisite: CMTH 207
Antirequisites: MTH 240 and CMTH 231

Integration techniques, improper integrals, sequences, infinite series, power series. Vectors: geometric and analytic descriptions; dot product, orthogonality, and projection; cross product; lines and planes in 3-space.

65.0 Hours Fees: $1156.25

★ CMTH 380 Probability and Statistics I

Pre-requisite: CMTH 131 or CMTH 207;
Anti-requisites: MTH 410 and CMTH 304

Probability and Statistics I: Descriptive statistics. Probability [Laws of probability, Conditional probability, Discrete probability distributions (binomial, hypergeometric, Poisson).] Continuous probability distributions, Normal, t-exponential, x^2. Applications of discrete and continuous distributions. Sampling distributions (sample mean, sample proportion, difference between two samples, difference between two sample proportions). Sampling distribution concerning mean variance and proportion for one or two populations. Estimation for large and small samples. Hypothesis testing concerning mean, variance, and proportion for one or two populations, (large samples and small samples) including paired data testing.

52.0 Hours Fees: $877.91

☆ CMTH 480 Probability and Statistics II

Prerequisite: CMTH 380
Antirequisite: CMTH 404

A continuation of the introductory topics covered in MTH 380. ANOVA One and two-way. Correlation. Regression. Contingency Tables. Goodness of fit tests. A statistics computer package will be used in this course.

39.0 Hours Fees: $623.84

★ CMTH 500 Introduction to Stochastic Processes

Prerequisite: CMTH 404 or CMTH 480 or CECN 702

Topics include: Conditional expectation. Markov chains, Poisson process and Compound Poisson process, Continuous-time Markov processes, Discrete-time martingales, Continuous-time martingales, Brownian motion, Stochastic integration, and introduction to stochastic differential equations.

39.0 Hours Fees: $602.45

★ CMTH 501 Numerical Analysis I

Prerequisite: CECN 230 or (CMTH 231 and CMTH 108) or (CMTH 310 and CMTH 108)
Antirequisite: MTH 510

Errors and floating point arithmetic. Solutions of non-linear equations including fixed point iteration. Matrix computations and solutions of systems of linear equations. Interpolation. Finite difference methods. Least squares fit. Cubic spline interpolation. Numerical integration. Numerical solution of ordinary differential equations. Taylor series method. Euler method.

52.0 Hours Fees: $877.91

★ CMTH 600 Computational Methods In Mathematics

Prerequisites: CMTH 500 and (CMTH 501 or MTH 510)

Topics include: Statistical simulation of random variables and stochastic differential equations. Numerical solutions for partial differential equations, finite differences, and finite-element methods. Optimization methods: linear programming, the simplex method, and non-linear programming. The Matlab software will be used in assignments as a numeric and symbolic tool.

52.0 Hours Fees: $877.91

★ CMTH 642 Data Analytics: Advanced Methods

Prerequisites: (CIND 119, CIND 123 and CIND 830) or [(CMTH 304 or CMTH 380) and (CCPS 109 or CPS 106 or CPS 118)]

This course builds on the previous Basic Methods course and covers more advanced concepts including classification and clustering algorithms, decision trees, linear and logistic regression, time series analysis, and text analytics. The course will provide applied knowledge on how to analyze large scale network data produced through social media. In this context topics include network community detection, techniques for link analysis, information propagation on the web, and information analysis of social media.

Students are recommended to check the important dates for The Chang School of Continuing Education current term before enroling in the course and paying the fees. Notably, the Azure Virtual Desktop assigned to students will be accessible two days after the course's starting date, and swapping between sections will not be permitted.

Students are also encouraged to download the Microsoft Remote Desktop app to access the software needed to complete this course's requirements. Students also need to test the compatibility of the computer they plan to use before the first session, as machines operated using a third-party administrator, such as laptops provided by a workplace, may not allow access to the required software/download(s). International students might need to use their virtual private network (VPN) software if they cannot connect to University resources.

39.0 Hours Fees: $1030.12

★ CMTH 800 Financial Mathematics II

Prerequisite: CMTH 700

This course covers fixed income derivatives and the quantitative aspects of risk and portfolio management in modern finance. It introduces single factor interest rate models and pricing, and covers analysis of risk measures and their properties, market, credit risk, and an overview of other types of risks. The course also develops portfolio optimization techniques. Case studies and preparation for financial certification programs (FRM and PRM) are also included.

Students currently enroled in the Financial Mathematics Undergraduate Degree program will not be permitted to enrol in this course. All other students should contact Chang School Client Services (ce@torontomu.ca) to obtain permission to enrol.

52.0 Hours Fees: $877.91

Project Management

✪ CKPM 203 Planning and Scheduling

Prerequisite: CITM 750 or CKPM 202 or CTEC 210

The course deals with the application of the Critical Path Method (CPM)/ Pert Networks for time control of a project. Topics covered include: the total project as a system, criteria for assessing the suitability of network presentations, project analysis, and decision-making, and the use of computers for network analysis and report production. The practical aspects of installing and operating a planning and scheduling system are emphasized throughout the course. (35 PDUs.)

Updated Course Content: This course's focus and scope includes the *7th Edition of PMBOK Guide* to prepare individuals for passing the PMI's PMP and CAPM exams.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class. Students must have access to Microsoft Project for Windows to be successful in this course. The Apple (Mac) operating system is not supported by this course.

For further information about Professional Development Units (PDUs), see Project Management Institute.

35.0 Hours Fees: $903.68

✪ CKPM 209 Project Risk and Quality Management

Prerequisite: CITM 750 or CKPM 202 or CTEC 210

The Project Management Institute (PMI) recognizes Risk and Quality Management as two of the key knowledge areas of project management. This course covers the fundamental aspects, analytical tools, and methods of both areas. In particular, the course covers the basic processes of risk planning, identification, qualitative analysis, quantification, risk response development, and risk control. The course also deals with concepts of quality and their integration into project planning, execution, and control. It addresses the customer and the organizational perspectives on quality, the cost of quality and the use of statistical tools to manage quality improvements in projects. (35 PDUs)

Updated Course Content: This course's focus and scope includes the 7th Edition of PMBOK® Guide to prepare individuals for passing the PMI's PMP® and CAPM® exams.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Students must have access to Microsoft Project for Windows to be successful in this course. The Apple (Mac) operating system is not supported by this course.

For further information about Professional Development Units (PDUs), see Project Management Institute.

35.0 Hours Fees: $903.68

✪ CKPM 211 Leadership in Project Management

Prerequisite: CITM 750 or CKPM 202 or CTEC 210

A successful project manager not only understands the technical project management skills (scope, schedule, cost, quality, and risk), but also has solid leadership and other soft skills. This course is designed to introduce students to leadership concepts and skills as they apply to projects. In addition, the course will discuss other soft skills required by a project manager, including team building, managing conflict, communication, and other tools and techniques. (35 PDUs)

Updated Course Content: This course's focus and scope includes the *7th Edition of PMBOK Guide* to prepare individuals for passing the PMI's PMP and CAPM exams.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

For further information about Professional Development Units (PDUs), see Project Management Institute.

35.0 Hours Fees: $903.68

✪ CKPM 212 Project Cost and Procurement Management

Prerequisite: CITM 750 or CKPM 202 or CTEC 210

Management of cost and contracts is one of the key functions of the project manager. This course will outline various key concepts of project cost management including: financial and management accounting fundamentals, cost management system fundamentals, basic budgeting and responsibility accounting, and cost management reports. In addition, the course will review the procurement cycle including RFPs, contracts, and legal requirements. (35 PDUs)

Updated Course Content: This course's focus and scope includes the *7th Edition of PMBOK Guide* to prepare individuals for passing the PMI's PMP and CAPM exams.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

For further information about Professional Development Units (PDUs), see Project Management Institute.

35.0 Hours Fees: $903.68

✪ CKPM 213 Management of Projects in the AEC

Prerequisite: CKPM 202 or CTEC 210

Market assessment, bidding strategies, and advanced procurement methods are examined in the context of organizational structures required for the various delivery methods. An in-depth examination of techniques of time and cost control required to support these techniques is carried out. This course places emphasis on the application of theory to practice through cases studies. (35 PDUs)

This course's focus and scope includes the *7th Edition of PMBOK Guide* to prepare individuals for passing the PMI's PMP and CAPM exams.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

For further information about Professional Development Units (PDUs), see Project Management Institute.

35.0 Hours Fees: $903.68

✪ CKPM 214 Project Development and Control

Prerequisite: CKPM 202 or CTEC 210

This course examines the context of the business environment in which AEC projects are planned, developed, and executed. It investigates the contractual relationships of key stakeholders in order to identify mutual influences and their impact on key project constraints. It reviews advanced techniques of time and cost trade-off, resource allocation and implications of project cash flow analysis and assessment. (35 PDUs)

This course's focus and scope includes he *7th Edition of PMBOK Guide* to prepare individuals for passing the PMI's PMP and CAPM exams.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

For further information about Professional Development Units (PDUs), see Project Management Institute.

35.0 Hours Fees: $903.68

✪ CKPM 216 Project Management Internship

Prerequisites: (CITM 750 or CKPM 202 or CTEC 210) and CKPM 203, CKPM 209, CKPM 211, CKPM 212

Students choose from two options: a field placement or a research/ development project. All options emphasize student's development as an emerging professional. For field placement, students must arrange for an opportunity to volunteer as a project manager and submit a report. The research/development project offers students the opportunity to explore an area of specialization in more detail. (35 PDUs)

This course may be taken as individualized study/directed reading; please contact the Academic Coordinator, Jamal El Ali, at jelali@torontomu. caprior to enroling.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

For further information about Professional Development Units (PDUs), see Project Management Institute.

35.0 Hours Fees: $903.68

✪ CKPM 217 Agile Project Management

This course prepares members of self-managing teams to build products while responding effectively and nimbly to ever-changing project environments and business conditions. Topics include agile theories, methods, applications, and case studies behind agile project life cycles even when change is introduced late; agile tools and techniques for minimizing risk throughout a time-limited project; and evidence-based best practices of agile product development.

This course's focus and scope includes the *7th Edition of PMBOK Guide* to prepare individuals for passing the PMI's PMP and CAPM exams.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

35.0 Hours Fees: $903.68

★ CTEC 210 Fundamentals of Project Management

This course will familiarize the student with the concepts and basic functions of the project management body of knowledge, including scope, quality, time, cost, risk, procurement, human resource, and communication management. The integration of these functions into a project management system, and the role of the project manager and project support staff, will be examined. This course provides a basic knowledge of project management as preparation for other courses in the program. (39 PDUs)

Updated Course Content: This course's focus and scope now includes the *7th Edition of PMBOK Guide* to prepare individuals for passing the PMI's PMP and CAPM exams.

Reference:

A Guide to the Project Management Body of Knowledge (PMBOK Guide) Seventh Edition and The Standard for Project Management (ENGLISH). 2021.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $777.06

Quantitative Methods

☆ CQMS 110 Applied Mathematics for Business

Antirequisites: CECN 109, CITM 107, QMS 130

This course will introduce and reinforce fundamental concepts of mathematical modelling that are commonly used in business applications. Student will learn about the properties of mathematical functions and how they are applied across the functional areas of business. Employing a practical, hands-on approach, students will use Excel to analyze mathematical models and summarize their findings in a business report. Essential concepts of financial mathematics will also be covered.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $792.85

★ CQMS 202 Business Statistics II

Prerequisite: CQMS 102 or QMS 204 or CECN 129 or Direct Entry

Antirequisites: CHIM 408, CQMS 210, QMS 230, CECN 329

This course builds on the concepts introduced in QMS 102. Some of the topics to be studied follow: confidence interval estimation, hypothesis testing of means, variances, proportions, independence, and simple/multiple regression with applications to forecasting. The course emphasizes how to apply various inferential statistical techniques in the support of managerial decisions in the various functional areas of business. SPSS and/or programmable calculators are used.

Supplies to be purchased by the student: Software and calculator specifications will be announced at the first session. Students require access to a computer with Microsoft Windows. Calculators are not required for Internet classes.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $739.67

☆ CQMS 210 Applied Statistics for Business

Antirequisites: CQMS 202, QMS 230, CECN 329, CHIM 408

This course introduces both descriptive and inferential statistics. Students learn to use descriptive data, in both numeric and graphic formats, as well as inferential statistics to support managerial decisions in applied business contexts. Topics include grouped frequency distribution, measures of central tendency and variability, probability theory, sampling distribution, confidence intervals, hypothesis testing, and linear and multiple regression.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $792.85

★ CQMS 442 Multiple Regression for Business

Prerequisite: CQMS 202 or QMS 210 or QMS 230 or Direct Entry

This course makes a comprehensive examination of both multiple regression and analysis of variance, the most commonly used statistics tools used in business, emphasizing model appropriateness for given business problem and followed by a critical analysis of any assumptions and an assessment of the model accuracy. A real-life project is used to demonstrate the practical use of the techniques. The course is supported by appropriate statistical software.

The prerequisites may be waived if the student has specific professional experience. Registered certificate program students without the course prerequisites who wish to take this course, may contact the Program Coordinator, Melissa Johnson, at M 1johnso@torontomu.ca for more information.

Supplies to be purchased by the student: Software and calculator specifications will be announced at the first session.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $582.11

★ CQMS 521 Business Optimization

Prerequisite: CQMS 202 or QMS 210 or QMS 230 or Direct Entry

This course is designed to help the prospective manager define the management decision-making process and become familiar with the Operations Research (O.R.) and other linear techniques in practice today. Students will learn to recognize decision situations amenable to O.R. analysis through exposure to the analysis of business problems using model formulation and problem-solving techniques. Analysis will be done using appropriate of software and platforms with an emphasis on output interpretation.

The prerequisites may be waived if the student has specific professional experience. Registered certificate program students without the course prerequisites who wish to take this course, may contact the Program Coordinator Melissa Johnson at M 1johnso@torontomu.ca for more information.

39.0 Hours Fees: $582.11

☆ CQMS 522 Linear Algebra

Prerequisites: CQMS 202 or QMS 210 or QMS 230 or Direct Entry;

Antirequisites: CMTH 108 and MTH 141

This course applies Matrix Algebra to the modelling of Linear Business Systems. Topics include Matrices and Linear Transformations, Determinants, and Subspaces. This course should be of interest to students planning graduate studies in Business Administration or Economics.

39.0 Hours Fees: $582.11

☆ CQMS 702 Calculus for Business

Prerequisite: CQMS 110 or CQMS 202 or CQMS 210 or QMS 230 or CITM 107 or CECN 329 or CHIM 408 or Direct Entry

Antirequisite: CECN 189 or QMS 130

This course is an introductory course in calculus. Its purpose is to make the student familiar with the basic concepts and appreciate the various applications. The course will be of value to students who wish to further their understanding of business and economic model building. It will also give the student an insight into one of the most powerful and widely used of mathematical tools. Although little prior knowledge will be assumed, the student should have analytical interest. Many graduate business schools now require at least one undergraduate level calculus course. It is strongly recommended that students select QMS 702, Calculus for Business, as an elective in fourth year if they are considering graduate studies in business.

This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $582.11

★ CQMS 703 Business Forecasting Techniques

Prerequisite: CQMS 202 or CQMS 210 or QMS 230 or Direct Entry

This course deals with the application, usefulness, and limitations of some of the more important and widely used time series forecasting techniques, including Box-Jenkins. A forecasting project will provide the student with insight into the practical problems of forecasting such as data acquisition, model selection, and the analysis and interpretation of results. Analysis will be done using the appropriate software and platforms.

The prerequisites may be waived if the student has specific professional experience. Registered certificate program students without the course prerequisites who wish to take this course, may contact the Program Coordinator Melissa Johnson at M 1johnso@torontomu.ca for more information.

39.0 Hours Fees: $582.11

Retail Management

★ CRMG 200 Introduction to Retail

Retail is everything, everywhere, and everyone! Retail is one of the most fascinating, challenging, and multi-faceted environments business students will be exposed to. The objective of the course is to provide both an understanding of the key retail strategy components as well as change the student focus from a consumer to a business manager. This will be accomplished through examining the many key functional areas within a retail business including location and market strategy, store design and layout, merchandise planning, human resources, financial strategy, and customer relationships. The understanding of these functional areas will illustrate how retailers can adapt to the competitive and continually changing environment by formulating strategies, which result in profitable performance. An introduction to retail profit drivers will be a key element of the course.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $796.20

★ CRMG 302 Retail Consumer Insight

Prerequisite: CRMG 200; Antirequisites: CMKT 400 and MKT 502

The course introduces the key theoretical concepts to the understanding of consumer behaviour. Building on this foundation the retail/consumer relationship will be examined through the case study method. Topics such as the retail brand, consumer research, and value equations will be introduced and examined.

39.0 Hours Fees: $700.02

★ CRMG 303 Managing the Retail Workplace

Prerequisite: CRMG 200

Antirequisite: CHTH 102

The quality of service that customers experience in retail settings is affected by many factors. As a result, the challenge for retailers is to provide an environment that instils a focus on customers and delivers the service required to satisfy those customers. This course introduces students to service quality management frameworks and principles. It examines how these principles are reflected in key organizational and management strategies, particularly those related to the management of the retail workforce.

This course is part of the Retail Operations Course Series.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $650.98

★ CRMG 400 Merchandise Buying and Planning I

Prerequisite: CRMG 200

This course examines the merchandise buying and planning function within the context of bricks and mortar and e-commerce retail organizations. Course content understanding customers, making buying decisions, forecasting, controlling inventories, preparing buying plans, developing assortment plans, managing vendor relations, and pricing the merchandise. This is accomplished through a heavy emphasis on retail math and excel. Merchandise buying and planning requires an understanding of the buyer's roles and responsibilities as well as their relationship to other functions inside and outside the organization.

The prerequisite may be waived if the student has specific professional experience. Individuals who do not have the prerequisite and who wish to take this course must contact the Academic Coordinator Sean Sedlezky at ssedlezk@torontomu.ca for more information.

This course is part of the Retail Buying Course Series.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $582.11

★ CRMG 434 Intro to Logistics and Supply Chain Mgmt

Prerequisite: CRMG 200

This course serves as an introduction to the fundamentals of global supply and distribution networks management (traditionally known as Supply Chain and Distribution Channel). The course is primarily focused on the planning, implementation, monitor and control of global, regional and local distribution networks in support of retail business operations. The course covers fundamentals of supply and distribution networks, the link between distribution networks and marketing strategies, and the link between supplier networks and inventory management. Supply and distribution networks include aligning supply networks with corporate strategies, implementation of corporate sustainability- and social-responsibility related policies, global transportation, and supporting information technology. Throughout the course, analytical tools and methods are utilized to support decision making and manage supply and distribution networks uncertainty.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $650.98

★ CRMG 452 Visual Merchandising and Space Planning

Prerequisite: CRMG 200

Students will study the theories and practices related to visual merchandising and space planning. An examination of leading edge visual merchandising practices will be explored with respect to in-store design and layout. Space planning software will be used to plan in-store displays, window and fixture design and configuration. (Formerly FSN 452.)

The prerequisite may be waived if the student has specific professional experience. Individuals who do not have the prerequisite and who wish to take this course must contact the Academic Coordinator Sean Sedlezky at ssedlezk@torontomu.ca for more information.

This course is part of the Retail Operations Course Series.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $582.11

★ CRMG 907 Relationship Marketing

Prerequisite: CRMG 200

The relationship between the consumer and the retailer has been perceived as a transaction and marketing strategy has been based on this perception. Retailers are moving to an ethical relationship view of the buying process; the building of a long term relationship with the customer as the central theme of marketing strategy. This course will explore the underlying theories, values, and benefits of doing business through one-to-one relationships with consumers using technological advances. A one-to-one customer-centric approach enables retail marketers to reach customers from multicultural backgrounds, a distinguishing feature of the Canadian marketplace.

39.0 Hours Fees: $582.11

★ CRMG 909 Merchandise Buying and Planning II

Prerequisite: CRMG 400

This course compliments Buying Process I by introducing students to concepts of merchandise management. Course content emphasizes analytical and quantitative aspects of merchandising planning and expected outcomes include a complete understanding of financial strategy as it relates to merchandise management, the development of dollar merchandise plans, measures of productivity, and vendor performance analysis. Information technology and decision support systems represent and integral part of the course content. (Formerly FSN 551.)

This course is part of the Retail Buying Course Series.

39.0 Hours Fees: $582.11

★ CRMG 910 Omni-Channel Retailing

Prerequisite: CITM 350 or CRMG 200 or CITM 550

Great retail is about creating a consistent experience across all channels and touchpoints with customers. This includes having a holistic strategy, known as the Omni-channel approach, to manage service and distribution channels that includes brick and mortar stores, online, mobile, catalogs, and more. For this reason, it is critical that all retail students understand how these channels function together, as well as the beneficial outcomes (e.g., customer satisfaction) of operating an integrative omni-channel business. The course helps students to develop skills to analyze a firm's omni-channel strategy and recommend solutions to help meet customers' needs. Further, students will learn different techniques and strategies on how to optimize the channel operations of a business.

The prerequisite may be waived if the student has specific professional experience. Individuals who do not have the prerequisite and who wish to take this course must contact the Academic Coordinator Sean Sedlezky at ssedlezk@torontomu.ca for more information.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $582.11

★ CRMG 911 Retail Sales Management

This course is based on the importance of professionalism in sales people and effective selling that play a key role towards the delivery of exceptional customer service. Students will focus on building effective leadership skills and programs for selling and the development of relationships to increase productivity and customer loyalty.

39.0 Hours Fees: $650.98

COMMUNICATION AND LANGUAGES

American Sign Language

★ CASL 101 Introductory American Sign Language I

This professional elective course is designed for hearing students wishing to acquire some of the basic vocabulary and grammatical structures of American Sign Language (ASL). Through active participation, students learn to communicate in ASL, developing their ability to understand and use ASL fingerspelling, simple affirmative, and interrogative statements. Students also learn to converse in ASL. By the end of this course, students should know 500 signs. Students with restricted dexterity may find the production of signs challenging.

39.0 Hours Fees: $641.64

☆ CASL 201 Introductory American Sign Language II

Prerequisite: CASL 101

This course is designed for hearing students with some basic knowledge of ASL who wish to acquire the necessary vocabulary and grammatical structures to conduct basic conversations in American Sign Language (ASL). Quantifiers and classifiers are covered, as are tense and number indicators. Verb inflections and adverb modulations are also explained. By the end of this course, students should know around 1000 signs. Students with restricted dexterity may find this course challenging.

39.0 Hours Fees: $641.64

☆ CASL 301 Intermediate American Sign Language I

Prerequisite: CASL 201

This course is for hearing students with good knowledge of ASL wishing to develop their use of signed vocabulary and complex grammatical structures. The use of quantifiers is emphasized in describing objects and providing location. Verb inflections and adverb modulations are covered. By the end of this course, students should know 1500 signs and be able to conduct conversations involving several people, expressing emotions and feelings. Students with restricted dexterity may find this course challenging.

39.0 Hours Fees: $641.64

☆ CASL 401 Intermediate American Sign Language II

Prerequisite: CASL 301

This course is for hearing students with good knowledge of ASL wishing to develop their use of specialized vocabulary. Students work on acquiring new vocabulary based on their professional or personal interests. By the end of this course, students should know 2000 signs and be able to conduct conversations involving several people, expressing emotions and feelings, in a variety of everyday and professional situations. Students with restricted dexterity may find this course challenging.

This course will require you to be online for live lectures every week at the scheduled time. Class recordings will also be available. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $641.64

NEW!

☆ CASL 501 Advanced American Sign Language I

Prerequisites: CASL 401

This course, taught in ASL, is for intermediate students wishing to learn complex concepts, narrative structures as well as registers. Students will translate written texts into ASL using proper structures and learn extensively about ASL culture. By the end of this course, students should be able to conduct conversations involving several people, express nuanced emotions and feelings and understand the norms of ASL culture. Students with restricted dexterity may find this course challenging.

39.0 Hours Fees: $641.64

Arabic

☆ CARB 101 Introductory Arabic I

Department Consent Required; Prerequisite: Placement test required (www.torontomu.ca/llc)

This course is designed to help students with no knowledge of Arabic to begin developing functional communication abilities in all four language skills in Modern Standard Arabic. Using a variety of authentic materials, students will learn to create conversations based upon culturally authentic situations. By the end of this course, students will be able to read and write simple sentences and to talk about subjects related to family, studies, and social environment.

All students must take an interview/placement assessment before enroling in this course. New students who do not have a Toronto Metropolitan University (TMU) Student Number should create a Student Profile and obtain a student number before completing the assessment.

This course will require you to be online for live lectures every week at the scheduled time. Class recordings will also be available until after your exam period. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $637.24

☆ CARB 201 Introductory Arabic II

Prerequisite: CARB 101 or placement test required (www.torontomu.ca/llc)

The course, which focuses on the acquisition of complex grammatical structures, expanding vocabulary, and discourse skills, develops functional communication abilities in all four language skills in Modern Standard Arabic. Topics will be presented using authentic materials. By the end of the course, students will be able to read, write, and translate longer passages in Arabic. Students will also be able to talk about subjects related to cultural environment, work, relationships, and general knowledge.

Note: All students must take an interview/placement assessment before enroling in this course

39.0 Hours Fees: $637.24

☆ CARB 301 Intermediate Arabic I

Prerequisite: CARB 201 or placement test required (www.torontomu.ca/llc)

The course, which focuses on the acquisition of complex grammatical structures, expanding vocabulary, and discourse skills, develops functional communication abilities in all four language skills in Modern Standard Arabic. By the end of the course, students will be able to read, write, and translate longer passages in Arabic. Students will also be able to talk about subjects related to: cultural environment, work, relationships, general knowledge, geography, history, society and literature.

Note: All students must take an interview/placement assessment before enroling in this course.

39.0 Hours Fees: $637.24

☆ CARB 401 Intermediate Arabic II

Prerequisite: CARB 301 or placement test required (www.torontomu.ca/llc)

The course, which focuses on the acquisition of complex grammatical structures, expanding vocabulary, and discourse skills, develops functional communication abilities in all four language skills in Modern Standard Arabic. Topics will be presented using authentic materials. By the end of the course, students will be able to read, write, and translate longer passages in Arabic and will also be able to talk about a variety of subjects related to culture, civilization, geography, history and literature.

Note: All students must take an interview/placement assessment before enroling in this course.

39.0 Hours Fees: $637.24

☆ CARB 501 Advanced Arabic I

Prerequisite: CARB 401 or placement test required (www.torontomu.ca/llc)

This course focuses on developing students' linguistic, communicative, and intercultural skills in Modern Standard Arabic. Through a selection of short stories and excerpts from contemporary literary works, students develop advanced reading, writing, oral, and listening skills. Cultural topics in this course include social issues dealing with identities, immigration, diasporic communities, gender relations, environment, and marriage, among others.

Note: All students must take an interview/placement assessment before enroling in this course

39.0 Hours Fees: $637.24

☆ CARB 601 Advanced Arabic II

Prerequisite: CARB 501 or placement test required (www.torontomu.ca/llc)

This course focuses on further developing students linguistic, communicative, intercultural, and critical skills in Modern Standard Arabic. Through a selection of authentic material and literary texts, students continue to develop advanced reading, writing, oral, and listening skills. Cultural topics in this course include contemporary national, international, and global issues such as immigration, travel, national and religious celebrations, media and press, higher education, and global requirements.

Note: All students must take an interview/placement assessment before enroling in this course

39.0 Hours Fees: $637.24

Chinese

☆ CCHN 101 Introductory Chinese I

Prerequisite: Placement test required (www.torontomu.ca/llc); Antirequisite: MDN 101

This course is designed to help students with no prior background in Mandarin to develop functional communication abilities in all four language skills. Using the standard H'nyu Pinyin phonetic system, a variety of authentic materials, vocabulary, and sentence patterns, students will learn to make statements, ask questions, respond to questions, and create conversations based upon culturally authentic situations. By the end of this course, students will be able to read and write 250 characters. An online placement test is required.

All students must take an interview/placement assessment before enroling in this course. New students who do not have a Toronto Metropolitan Student Number should create a Student Profile and obtain a student number before completing the assessment.

This course will require you to be online for live lectures at the scheduled time. There will also be some pre-recorded lectures. Class recordings will be available until the exam period. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $637.93

☆ CCHN 201 Introductory Chinese II

Prerequisites: CCHN 101 or placement test (www.torontomu.ca/llc); Antirequisite: MDN 201

This course is designed for students with some background in Mandarin to develop functional communication in all four language skills. Using the standard H'nyu Pinyin phonetic system, a variety of authentic materials, vocabulary, and sentence patterns, students will learn to make statements, ask questions, respond to questions, and create conversations based upon culturally authentic situations. By the end of this course, students will be able to read and write 550 characters. An online placement test is required.

All students must take an interview/placement assessment before enroling in this course. New students who do not have a TMU Student Number should create a Student Profile and obtain a student number before completing the assessment.

This course will require you to be online for live lectures at the scheduled time.

39.0 Hours Fees: $637.93

Communication

★ CCMN 114 Short Management Reports

This writing intensive workshop course helps students gain the proficiency needed to meet the reporting demands of the contemporary workplace. Participants will learn to analyze their audience and purpose while writing informative and persuasive documents such as instructional reports, personnel reports, informal proposals, and analytical reports. A module on planning, delivering professionally-related oral presentations to peers, management, and industry partners completes this workshop course.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class

For a sample course outline for classroom delivery, consult the Toronto Metropolitan University School of Professional Communication website.

39.0 Hours Fees: $584.79

★ CCMN 279 Introduction to Professional Communication

Antirequisites: CCMN 124, CCMN 201

This case-based, interactive course introduces students to contemporary strategies of successful communication in professional contexts. Students learn how to analyze audience, situation, and medium to create messages that respond to practical challenges and build productive relationships. Students develop sensitivity to language and tone, learn to organize and convey ideas and information, and select the best means to accomplish their intended purposes.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class

For a sample course outline for classroom delivery, consult the Toronto Metropolitan University School of Professional Communication website.

39.0 Hours Fees: $579.74

★ CCMN 304 Career Advancement Communication

This course aims to develop the communication skills and strategies necessary to meet the challenges of the current workplace. With particular focus on the job search and career development, course content covers such topics as research and interviewing, persuasive writing and speaking, developing a professional image, and making effective communication decisions.

For a sample course outline for classroom delivery, consult the Toronto Metropolitan University School of Professional Communication website.

39.0 Hours Fees: $588.90

★ CCMN 313 Organizational Report Writing

Prerequisite: CMN 100 or CCMN 114 or CCMN 124 or CMN 200 or CCMN 201 or CMN 207 or CMN 210 or CCMN 279 or CCMN 300 or CCMN 373 or Direct Entry.

Organizational report writing focuses on the selection, treatment, and solution of a complex problem in an organization, through the development and preparation of a formal, analytical report. Students learn to propose solutions to an identifiable problem, customize a message for multiple audiences, create a work plan, apply primary and secondary research methods, and structure an argument logically and persuasively. Students will strengthen their critical thinking skills as they evaluate findings and formulate conclusions and recommendations.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

For a sample course outline for classroom delivery, consult the Toronto Metropolitan University School of Professional Communication website.

39.0 Hours Fees: $588.90

★ CCMN 314 Professional Presentations

Prerequisite: CMN 100 or CCMN 124 or CMN 200 or CCMN 201 or CMN 207 or CCMN 279 or CCMN 300 or CCMN 373 or Direct Entry

Successful professionals achieve their objectives by consistently designing and delivering meaningful presentations to diverse, demanding audiences. Students learn to structure content coherently, develop poise and confidence, and employ technology in a sophisticated way to connect with their listeners.

Note: Registered certificate program students without the CCMN course prerequisites may apply to the Academic Coordinator Richard McMaster at rmcmaste@torontomu.ca for consideration to enrol in this course without the required prerequisites.

39.0 Hours Fees: $588.90

★ CCMN 315 Issues in Organizational Communication

Prerequisite: CMN 100 or CCMN 114 or CCMN 124 or CMN 200 or CCMN 201 or CMN 207 or CCMN 279 or CCMN 300 or CCMN 373 or Direct Entry

Effective communication has always been an essential component of business. It is particularly important today, when business people communicate in increasingly complex and diverse workplaces. They must deal with ethical dilemmas, intensifying organizational change, global and multicultural partners, increased specialization, and constant technological developments. Using practical examples and case studies, this course both explores communication challenges that business professionals face today and helps them develop strategies and practices designed for the contemporary workplace.

Note: Registered certificate program students without the CCMN course prerequisites may apply to the Academic Coordinator, Richard McMaster, atrmcmaste@torontomu.ca for consideration to enrol in this course without the required prerequisites.

39.0 Hours Fees: $588.90

★ CCMN 413 Corporate Communications

Prerequisite: CMN 100 or CCMN 114 or CCMN 124 or CMN 200 or CCMN 201 or CMN 207 or CCMN 279 or CCMN 300 or CCMN 373 or Direct Entry

How does a company communicate its reputation and image, and manage these intangible features when damaged? Through examining high-level communication strategies and products, students develop sensitivity to the language, formats, and images organizations use to manage their concerns. Students also practice skills corporate communication professionals employ to communicate with a variety of audiences.

For a sample course outline for classroom delivery, consult the Toronto Metropolitan University School of Professional Communication website.

39.0 Hours Fees: $588.90

★ CCMN 414 Interpersonal Communication in Management

Prerequisite: CMN 100 or CCMN 114 or CCMN 124 or CMN 200 or CCMN 201 or CMN 207 or CCMN 279 or CCMN 300 or CCMN 373 or Direct Entry

In this experiential workshop course, students participate in a variety of group and individual exercises designed to develop the interpersonal skills necessary for effective management. Students learn how member diversity and the communication medium affect group processes such as problem solving, decision making, resolving conflict, and negotiating. Some sessions may be videotaped.

For a sample course outline for classroom delivery, consult the Toronto Metropolitan University School of Professional Communication website.

39.0 Hours Fees: $588.90

★ CCMN 432 Communication in the Engineering Professions

Available only to students in the Engineering program

Communication lies at the heart of the engineering professions. This course introduces students to the unique and varied communication challenges of their discipline. Through a combination of lectures, workshops, readings, and online simulations, students are exposed to the types of communication they will engage in as professionals and given the opportunity to refine their analytical, writing, presentation, and problem-solving skills.

56.0 Hours Fees: $588.90

★ CCMN 443 Contemporary Intercultural Communication

Prerequisite: CMN 100 or CCMN 114 or CCMN 124 or CMN 200 or CCMN 201 or CMN 207 or CCMN 279 or CCMN 300 or CCMN 373 or Direct Entry

In today's global environment, the success of almost any venture requires an understanding of intercultural issues. In this course various communication strategies and theories are analyzed in cultural context. Students learn how to overcome cultural barriers and engage in cross-cultural situations.

For a sample course outline for classroom delivery, consult the Toronto Metropolitan University School of Professional Communication website.

39.0 Hours Fees: $588.90

French

☆ CFRE 101 Introductory French I

Prerequisite: Placement test required (www.torontomu.ca/llc)

Classes use a communicative approach and the emphasis is on oral proficiency, although reading and writing skills are also developed. Through extensive practice in class, students acquire the basic vocabulary and constructions of French. Classwork is supplemented by handouts, audio recordings, and cultural readings.

All students must take an interview/placement assessment before enroling in this course. New students who do not have a Toronto Metropolitan Student Number should create a Student Profile and obtain a student number before completing the assessment.

39.0 Hours Fees: $516.90

★ CFRE 201 Introductory French II

Prerequisite: CFRE 101 or placement test required (www.torontomu.ca/llc)

This course uses a communicative approach and although the emphasis is on oral proficiency, reading and writing skills are also further developed. Through extensive practice in class, students develop their knowledge of the basic vocabulary and constructions of French. Classwork is supplemented by handouts, audio recordings, and cultural readings.

All students must take an interview/placement assessment before enroling in this course.

39.0 Hours Fees: $516.90

★ CFRE 301 Intermediate French I

Prerequisite: CFRE 201 or placement test required (www.torontomu.ca/llc)

This course is for students with intermediate high school French skills includes cultural readings and excerpts from the media. The course further develops the student's ability to understand, speak, read, and write French.

All students must take an interview/placement assessment before enroling in this course.

39.0 Hours Fees: $516.90

★ CFRE 401 Intermediate French II

Prerequisite: CFRE 301 or FRE 302 or CFRE 303 or placement test required (www.torontomu.ca/llc)

This course emphasises the four essential skills of understanding, speaking, reading, and writing French. Students will develop their knowledge of French through analysis of excerpts from contemporary media as well as cultural readings, including short fictional texts. Presentations, debates, and discussions are used to enhance the students' skills in spoken French.

All students must take an interview/placement assessment before enroling in this course.

39.0 Hours Fees: $516.90

★ CFRE 402 French Conversation and Pronunciation

Prerequisite: CFRE 301 or FRE 302 or CFRE 401 or placement test required (www.torontomu.ca/llc); Not available to native speakers of French or advanced French students.

This intermediate PR/PE course is intended to enhance oral proficiency by focusing on vocabulary, syntax, auditive comprehension, pronunciation ,and intonation. Students will improve their French through a range of activities including the analysis of audiovisual materials, films, and plays as well as discussion of written texts from newspapers, advertisements and business news.

All students must take a placement assessment before enroling in this course.

39.0 Hours Fees: $516.90

★ CFRE 501 Speaking and Writing French I

Prerequisite: CFRE 401 or CFRE 402 or placement test required (www.torontomu.ca/llc)

Designed for students with good oral skills in French who wish to review major grammatical structures, develop vocabulary, and improve their writing. Course emphasizes differences/parallels between written and oral French, and development of variety in writing style. Writing assignments based on essays, literary works, press articles, etc., chosen to illustrate styles and levels of contemporary written French. A literary work will form the basis for class discussions and written work.

All students must take an interview/placement assessment before enroling in this course

39.0 Hours Fees: $511.68

★ CFRE 502 Communication and Business French

Prerequisite: CFRE 515 or placement test required (www.torontomu.ca/llc).

Students with a good background in the language will find this course helpful in improving their ability to use French in business transactions and communications. There is an emphasis on developing business vocabulary, particularly correspondence formulae and terminology. Differences between English and French writing protocol is stressed.

All students must take an interview/placement assessment before enroling in this course.

CFRE 502 and CFRE 507 can be taken in the same term.

39.0 Hours Fees: $504.39

★ CFRE 507 English-French Translation I

Prerequisite: CFRE 601 or placement test required (www.torontomu.ca/llc)

Students at this level are well-acquainted with most of the rules of French grammar. This course concentrates on furthering this knowledge through the development of English to French translation techniques. Through numerous exercises, students learn to express the same concepts naturally in the target language, without undue interference from the source language.

All students must take an interview/placement assessment before enroling in this course.

CFRE 507 and CFRE 502 can be taken in the same term.

39.0 Hours Fees: $504.39

★ CFRE 510 Effective Writing

Prerequisite: CFRE 601 or placement test required (www.torontomu.ca/llc)

This course is for students with sound knowledge of French who wish to review major grammatical structures, develop vocabulary, and improve their writing. Through writing exercises, the course emphasizes clear explanation of French grammar, differences/parallels between written and oral French, use of precise terminology, and development of variety in writing style. Writing assignments are based on excerpts from essays, literary works, press articles, etc., chosen to illustrate styles and levels of contemporary written French.

39.0 Hours Fees: $504.39

★ CFRE 515 Introduction to Business French

Prerequisite: CFRE 601 or placement test required (www.torontomu.ca/llc). Not available to native speakers of French

This PR/PE course introduces students to business French while continuing to develop their general competence in French. Students learn to master vocabulary specific to business, banking, and administration, while becoming aware of formal and informal styles of written and spoken French suitable to the workplace. Materials include newspaper and journal articles as well as video clips from business news. The language of instruction is French. This course is not open to native French speakers.

All students must take an interview/placement assessment before enroling in this course.

39.0 Hours Fees: $504.39

★ CFRE 601 Speaking and Writing French II

Prerequisite: CFRE 501 or placement test required (www.torontomu.ca/llc)

Designed for students with good oral skills in French who wish to master major grammatical structures, develop vocabulary, and hone their writing skills, this course stresses the importance of distinguishing written from oral French and of developing of variety in writing style. Writing assignments based on essays, literary works, press articles, etc., chosen to illustrate styles and levels of contemporary written French. A literary work will form the basis for class discussions and written work.

All students must take an interview/placement assessment before enroling in this course.

39.0 Hours Fees: $504.39

★ CFRE 602 Business French in Practice

Prerequisite: CFRE 515 or placement test required (www.torontomu.ca/llc/)

Students with a solid background in the language will find this course helpful in perfecting their ability to use French in business transactions and communications. There is a strong emphasis on developing business vocabulary, particularly correspondence formulae and terminology. Differences between English and French correspondence protocol is highlighted.

CFRE 602, CFRE 607, and CFRE 707 can be taken in the same term.

39.0 Hours Fees: $504.39

★ CFRE 605 Francophone Language and Culture

Prerequisite: CFRE 601 or placement test required (www.torontomu.ca/llc);
Antirequisite: FRS 606

This course is for students who wish to further their knowledge of cultural studies, as well as literary and linguistic analysis. While gaining an appreciation of the language and culture of the Francophone regions outside Europe, students examine texts of all types. Essay-writing skills and organization form an integral part of the course. Special attention is given to language registers both written and oral as well as sociolinguistic issues in the Francophone world.

39.0 Hours Fees: $504.39

★ CFRE 607 English-French Translation II

Prerequisite: CFRE 601 or placement test required (www.torontomu.ca/llc)

Students at this level are well-acquainted with all of the rules of French grammar. This course concentrates on making use of this knowledge through the development of a sound English-to-French translation methodology. Through exercises, students learn to express the same concepts naturally in the target language, without undue interference from the source language, using a variety of non-literary texts.

CFRE 607, CFRE 602, and CFRE 707 can be taken in the same term.

39.0 Hours Fees: $504.39

★ CFRE 610 Cultural Context of Writing

Prerequisite: CFRE 60 1or placement test required (www.torontomu.ca/llc)

This course complements FRE 510 and is for students with a sound knowledge of French wishing to develop vocabulary and improve their writing. Through writing exercises, the course emphasizes clear explanation of French grammar, differences/parallels between written and oral French, use of precise terminology, and development of variety in writing style. Assignments are based on excerpts from essays, literary works, press articles, etc., chosen to illustrate styles and levels of contemporary written French.

39.0 Hours Fees: $504.39

★ CFRE 701 French for Today

Prerequisite:CFRE 601or placement test required (www.torontomu.ca/llc)

An advanced language course designed to improve significantly students' speaking, comprehension and writing skills through the analysis of contemporary issues and their representation in the francophone news media with an emphasis on journalistic and magazine writing. Topics broaden students' vocabulary, and sensitize them to complex language structures and language registers. Oral presentations and debates focus on current events; students write short essays and work on a media-related project.

All students must take an interview/placement assessment before enroling in this course.

This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $504.39

★ CFRE 707 Introduction to French-English Translation

Prerequisite: CFRE 601 or placement test required (www.torontomu.ca/llc)

This course, taught in French, is designed to improve significantly students' appreciation of the general difficulties of translation from French to English, through a study of the characteristics of expression in each language and of the way they pertain to the difficulties of translation. Through numerous translation exercises, students learn to express the same concepts naturally in the target language, without undue interference from the source language.

CFRE 707, CFRE 602, and CFRE 607 can be taken in the same term.

39.0 Hours Fees: $518.99

★ CFRE 801 French and New Media

Prerequisite: CFRE 601 or placement test required (www.torontomu.ca/llc)

This advanced language course is designed to improve significantly students' skills through the analysis of contemporary issues in the Francophonie using new media. Topics broaden students' vocabulary, and sensitize them to complex language structures and language registers. Oral presentations and debates focus on the representation of current events in a variety of media. Students write short essays and work on a new media-related project.

All students must take an interview/placement assessment before enroling in this course.

Note: All students must take an interview/placement assessment before enroling in this course.

39.0 Hours Fees: $516.90

Language

☆ CLNG 111 Language and Identity

Antirequisite: LNG 100

This writing-intensive course for ESL students explores how language use reflects social identities. Through academic readings, the course helps students improve their knowledge of written and spoken English and express themselves effectively, orally and in writing, at a university level. Students will analyze, discuss, and write essays. Enrolment subject to the online placement, English Proficiency, or Writing Skills Test results.

39.0 Hours Fees: $637.93

☆ CLNG 112 Spoken and Written Language

Antirequisite: LNG 300

This writing course for ESL students introduces them to critical thinking about oral and written language. The topics include the nature of language, first and second language learning, and style of speech. Students analyze and discuss academic readings and write essays. Enrolment subject to the online placement, English Proficiency, or Writing Skills Test results.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $637.93

☆ CLNG 113 Language and Public Life

Antirequisite: LNG 200

This writing course for ESL students focuses on how language is framed by institutional and cultural perspectives. Students analyze and discuss academic readings and write essays. This is the last and most advanced course in the LNG series for students whose first language is not English. Enrolment subject to the online placement, English Proficiency, or Writing Skills Test results.

39.0 Hours Fees: $637.93

Spanish

☆ CSPN 101 Introductory Spanish I

Prerequisite: Placement test required (www.torontomu.ca/llc)

This course for students with no knowledge of Spanish uses a communicative approach, emphasizing oral comprehension and expression without omitting the written aspects of Spanish. Students learn basics of grammar. Historical, social, and cultural aspects of the Spanish-speaking world are introduced through the study of short readings. Not open to students who have completed Gr. 12 or OAC Spanish.

All students must take an interview/placement assessment before enroling in this course. New students who do not have a Toronto Metropolitan Student Number should create a Student Profile and obtain a student number before completing the assessment.

Supplies and materials to be purchased by the student: Additional supplies and materials are required (cost TBA).

On-campus exam requirement: Beginning Fall 2022, your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found in your course outline and/or on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $526.30

★ CSPN 201 Introductory Spanish II

Prerequisite: CSPN 101 or placement test required (www.torontomu.ca/llc)

This course uses a communicative approach emphasizing oral comprehension and expression without omitting the written aspects of Spanish. Students develop their knowledge of the basics of Spanish grammar. Historical, social, and cultural aspects of the Spanish-speaking world are introduced through the study of longer readings.

All students must take an interview/placement assessment before enroling in this course.

Supplies and materials to be purchased by the student: Additional supplies and materials are required (cost TBA).

This course will require you to be online for live lectures at the scheduled time. More details will be included in your course outline available on the first day of class.

On-campus exam requirement: Beginning Fall 2022, your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $516.90

★ CSPN 301 Intermediate Spanish I

Prerequisite: CSPN 201 or placement test required (www.torontomu.ca/llc)

This course for students with a basic knowledge of Spanish uses a communicative approach to learning a new language. Students become increasingly familiar with complex sentence structures and with the vocabulary required for a good working knowledge of the language. Appropriate cultural readings and exposure to the Spanish-speaking world are integral parts of the course.

All students must take an interview/placement assessment before enroling in this course.

This course will require you to be online for live lectures at the scheduled time. There will also be some pre-recorded lectures. Class recordings will be available until the end of the exam period. More details will be included in your course outline available on the first day of class.

On-campus exam requirement: Beginning Winter 2023, your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off-campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $516.90

★ CSPN 401 Intermediate Spanish II

Prerequisite: CSPN 301 or placement test required (www.torontomu.ca/llc)

This course for students with an intermediate knowledge of Spanish uses a communicative approach to learning a new language. Students become increasingly familiar with complex sentence structures and with the vocabulary required for a sound working knowledge of the language. Appropriate cultural readings and exposure to the Spanish-speaking world are integral parts of the course.

All students must take an interview/placement assessment before enroling in this course.

Supplies and materials to be purchased by the student: Additional supplies and materials are required (cost TBA).

On-campus exam requirement: Beginning Winter 2023, your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $516.90

★ CSPN 501 Advanced Spanish I

Prerequisite: CSPN 401 or placement test required (www.torontomu.ca/llc)

This course is for students who have achieved an intermediate level of fluency in Spanish and who wish to develop their listening comprehension, oral communication, correctness and spontaneity of expression, and sensitivity to language registers as well as the written aspects of the language. Newspaper clippings, magazine articles, and videos introduce students to various aspects of the Spanish-speaking world. A novel or play is studied, and short essays and commentaries improve writing and analytical skills.

All students must take an interview/placement assessment before enroling in this course.

Supplies and materials to be purchased by the student: Additional supplies and materials are required (cost TBA).

39.0 Hours Fees: $511.68

NEW!

☆ CSPN 507 English-Spanish Translation I

Prerequisite: CSPN 601 or placement test required (www.torontomu.ca/llc)

Students at this level are well-acquainted with most of the rules of Spanish grammar. This course concentrates on furthering this knowledge through the development of English to Spanish translation techniques. Through numerous exercises, students learn to express the same concepts naturally in the target language, without undue interference from the source language.

This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $516.90

★ CSPN 515 Introduction to Business Spanish

Prerequisite: CSPN 601 or placement test required (www.torontomu.ca/llc/).

This course, offered in Spanish, is intended to introduce students with an intermediate level of fluency to the Spanish-speaking business world, through the study of realistic situations and specialized vocabulary. Students will study business documents such as letters, memos, and job applications in order to have a sound knowledge of written business Spanish. They will use oral activities such as role play to develop their understanding of cultural business practices in Spanish speaking countries.

All students must take an interview/placement assessment before enroling in this course.

This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $504.39

★ CSPN 601 Advanced Spanish II

Prerequisite: CSPN 501 or placement test required (www.torontomu.ca/llc/)

This course is for students who feel comfortable using Spanish, but who wish to perfect their listening comprehension, oral communication, correctness and spontaneity of expression, sensitivity to language registers as well as the written aspects of the language. Newspaper clippings, magazine articles, and videos introduce students to various aspects of the Spanish-speaking world. A novel is studied, and medium-length essays and commentaries improve writing and analytical skills.

All students must take an interview/placement assessment before enroling in this course.

Supplies and materials to be purchased by the student: Additional supplies and materials are required (cost TBA).

On-campus exam requirement: Beginning Winter 2023, your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off-campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $516.90

★ CSPN 704 Latin American Culture I

Prerequisite: CSPN 601 or CSPN 804 or placement test required (www.torontomu.ca/llc)

This course, offered in Spanish, is designed to introduce students to South American culture. Literary works by authors such as Jorge Luis Borges, Gabriel García Márquez and Luisa Valenzuela will be examined in relation to social and political themes in Latin American society. The study of painting, sculpture, cinema, music, and popular culture from various countries will lead to an enhanced awareness of cultural diversity in South America.

All students must take an interview/placement assessment before enroling in this course.

39.0 Hours Fees: $518.99

★ CSPN 804 Latin American Culture II

Prerequisite: CSPN 601 or placement test required (www.torontomu.ca/llc/)

This course is designed to introduce students to the culture of Mexico, Central America, and the Spanish-speaking Caribbean. Literary works by authors such as Laura Esquivel, Carlos Fuentes and Nicolás Guillén will be studied in relation to social and political themes in Latin American society. The study of painting, sculpture, cinema, music, and popular culture will lead to an enhanced awareness of cultural diversity in the Spanish speaking world. The language of instruction is Spanish.

All students must take an interview/placement assessment before enroling in this course.

39.0 Hours Fees: $518.99

★ CSPN 810 Cultural Context of Writing

Prerequisite: CSPN 601 or placement test required (www.torontomu.ca/llc/)

Intended for students who need to improve their writing skills in Spanish, this course will study five major modes of writing: description, narration, exposition, argumentation, and academic discourse. Students will engage in the in-depth analysis of texts from various sources: Spanish and Latin-American literature, journalistic writing, advertising, scholarly articles, etc. The course is structured in such a way as to help students understand the cultural complexity of the relationship between the writer and the intended reader. The language of instruction is Spanish.

All students must take an interview/placement assessment before enroling in this course.

39.0 Hours Fees: $518.99

Workplace Communication in Canada (WCC)

❖ CDCE 700 Effective Speaking and Listening

Department Consent Required

This course is designed for international professionals who require improvement of their oral communication in the workplace. The course will offer classes of highly experiential activities using real life Canadian workplace activities. Participants will improve their fluency, clarity, and overall oral communication skills in a supportive and creative learning environment.

39.0 Hours Fees: $761.00

❖ CDCE 720 Client-Centred Communication

Department Consent Required

This course is designed to help international professionals explore and practice client-focused behaviours common to the Canadian workplace in a safe environment fully supported by professional coaching. Through practical simulations and case studies, participants will practise strategies of dealing with common client-related situations and situations and conflicts while applying relevant information, research, and documentation methods, as all as problem solving and effective verbal and non-verbal communication.

39.0 Hours Fees: $761.00

❖ CDCE 730 Presenting with Impact

Department Consent Required

This course is designed to provide international professionals with essential practical persuasion, negotiation, and presentation skills for the Canadian workplace. Participants will develop a solid understanding of the role and value of effective public speaking in the workplace. By the end of the course, the participants will possess skills needed for designing and delivering persuasive presentations. Additionally, successful participants will learn and demonstrate effective networking and self advocating skills through interactive, workplace-related activities.

39.0 Hours Fees: $761.00

❖ CDCE 740 Teamwork Communication

Department Consent Required

This course is designed to help international professionals enhance professional success through practising effective behaviours in the Canadian workplace environment. Through simulations and case studies, learners will practise dealing with culturally and ethically challenging situations in the workplace, personal career planning, networking, strategic planning, and effective team and group work. Learning will be conducted in a safe environment fully supported by professional coaching.

39.0 Hours Fees: $761.00

❖ CDCE 955 Wrkplace Comm for Fin Serv Pros

Developing effective communication skills for the Canadian workplace is important for internationally educated Financial Services professionals; it enables them to establish better working relationships with their co-workers and clients. Students will learn and practice how to negotiate and influence others, work in diverse teams, deliver presentations, etc. They will learn how to express ideas clearly and sensitively to avoid misunderstandings, while creating a more satisfying work environment for themselves and others.

35.0 Hours Fees: $565.00

Chinese Studies

☆ CCHS 504 Chinese Cultural Traditions

This course, taught in English, examines significant cultural traditions from the 2nd century BCE through the 18th century CE. Chinese myths, legends, identity, values, beliefs, and achievements will be examined. The intercultural relations among and between China, Korea, and Japan will also be examined and tested. No prior knowledge of the Chinese language, history, or culture is required for this course. Contemporary manifestations of cultural traditions within the Chinese diaspora will also be studied.

39.0 Hours Fees: $637.93

COMMUNITY WELL-BEING AND SAFETY

Child and Youth Care

★ CCYC 905 An Indigenous Perspective on CYC

This course addresses the history of abuse and oppression that continues to impact on the wellbeing of Aboriginal children, youth, and families. Students will be presented with approaches to working with young Aboriginal people that are culturally sensitive and draw on Aboriginal ways of being. From this course, it is hoped that students will be able to enrich their practice by gaining an understanding of partnership models for care, intervention, and service delivery.

39.0 Hours Fees: $588.90

Disability Studies

★ CDST 504 Mad People's History

Antirequisite: CDST 500

This course will provide an overview of the history of madness from the point of view of people who were, and are, deemed "mad." The purpose of this course is to place the diverse perspectives of people diagnosed as mad, insane, or mentally ill as being of central importance in the history of psychiatry, and to address the question: how madness has been viewed by mad people over the centuries.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

★ CDST 506 Principles and Practices of Accessibility

The Accessibility for Ontarians with Disabilities Act (AODA) mandates development of enforceable accessibility standards for businesses and organizations to identify, remove, and prevent barriers to accessibility. This course is for those seeking specialized knowledge of the AODA, accessibility issues and implementation. It covers understandings of disability, issues giving rise to the Act, disability activism, and a critical analysis of the new accessibility standards for customer service, built environments, employment, information, communications and transportation.

Students who are unable to attend the presentation day should contact the instructor directly at Chang School Client Services (ce@ryerson.ca) to make alternate arrangements.

39.0 Hours Fees: $588.90

Disaster Emergency Management

★ CSCI 230 Emergency Management Practice

This course provides an introduction to the basic concepts of emergency management with core elements common to all provinces and territories across Canada. A series of principles will be introduced with reference to current practice. This course provides an introduction to the legal basis for Emergency Management nationally, regionally, and locally. The course is designed for participants from all levels of government, emergency measures/management coordinators, and/or planners, emergency responders, volunteers, private sector representatives.

39.0 Hours Fees: $777.06

★ CSCI 232 Incident and Operations Management

This course prepares emergency management practitioners to carry out their roles as members of an Emergency Operations Centre (EOC) team. This course presents strategies for effective management and coordination of overall operations within their communities during a multi-service response to an emergency. In addition, participants will be introduced to the Incident Command System that provides responders and supporting agencies with a standardized method of managing any kind of emergency incident.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $777.06

★ CSCI 234 Analysis of Critical Incidents

In this course students will gain an understanding of Operations in relation to EM practice. The range of potential actions is introduced during the pre-impact and impact phases of an emergency. Current legislation, emergency prevention, communications during emergencies, current pre-impact arrangements, the roles, responsibilities, and authority of the Emergency Services and specifically what actions could be taken during the impact phase of an emergency/disaster will be discussed in relation to several case studies.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $777.06

★ CSCI 243 Continuity and Risk Management

This course presents the principles, structures, and processes of risk management. Methods for applying general risk management theory, best practices and resources to the different phases of emergency management will be discussed. Emphasis is placed on the application of risk management strategies in mitigating and preparing for disasters and major emergencies.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $777.06

Early Childhood Studies

NEW!

★ CCLD 231 Families in Canadian Context I

This course provides students with a foundation in the theoretical frameworks used to study families. Canadian research is highlighted and topics include: historical perspectives on families, the diversity of family forms; dating; family formation; parenting issues; separation and divorce; family re-formation, mid-life and aging families, same-sex, immigrant, visible minority and Aboriginal families, and domestic division of labour; work and family life; power and violence; and, social class with particular attention paid to families living in poverty.

39.0 Hours Fees: $601.42

☆ CCLD 307 Children's Thinking and Learning

Prerequisites: (CLD 103, CPSY 102 and CLD 262) or Direct Entry or in Language and Intercultural Relations Program

This course explores the development of young children's thinking and learning through a cross-cultural lens. Critical discussion of the Western value of cognition and its theoretical assumptions will provide students with an understanding of how these values are embedded in early learning. This course will then provide multiple perspectives on thinking and learning (colonial models, apprenticeship models, Indigenous models) as they are conceptualized across cultures and as they relate to professional roles with children.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $584.73

☆ CCLD 314 Literacy in the Early Years

Prerequisites: (CLD 212 and CLD 262) or Direct Entry

This course examines literacy learning for children birth through eight years in the context of equity, social justice, and diversity. Students examine theoretical foundations of early literacy learning including: ways to develop oral and print literacy, family literacy practices, home languages, book genres, approaches to teaching and learning, and strategies for critical literacy. Concepts of multimodalities and multiple literacies are explored to broaden the notion of what is literacy in the 21st century.

39.0 Hours Fees: $584.73

☆ CCLD 315 Creative Arts II

Prerequisites: (CLD 215 and CLD 262) or Direct Entry

This course focuses on critical and reflective approaches to developing music, movement, and drama learning opportunities for young children in a context of equity, diversity, and inclusion. The course takes a hands-on, inquiry-based, experiential approach to creative arts, with the expectation that students will engage in learning as a creative exploration of lived experience in relation to the creative arts.

The Internet component of the Spring/Summer Classroom/Internet offering reflects the scheduling of the mandatory pre-course reading. Students must enrol in this course prior to the last Friday of the Internet component.

39.0 Hours Fees: $584.73

☆ CCLD 317 Concept Development in Math

Prerequisites: (CLD 212 and CLD 262) or Direct Entry

Students examine how young children ages birth to eight understand and engage in mathematical knowledge, concepts, and processes. Students explore and critique different theories of mathematical approaches to learning, such as inquiry-based models. Experiences designing and teaching lessons, creating physical and social environments to promote mathematical thinking, and assessing children's' knowledge and skills encourage positive attitudes toward mathematics in the learning environment.

39.0 Hours Fees: $584.73

☆ CCLD 322 Research I: Methods

Prerequisites: (CPSY 102 and CLD 262) or Direct Entry

This course provides students with an understanding of scientific research methods as they relate to the field of early childhood education. The course examines a variety of quantitative and qualitative methodologies and covers the various components of research from the formulation of research questions to the analysis and interpretation of data.

39.0 Hours Fees: $584.73

☆ CCLD 323 Research II: Applications

Prerequisites: (CCLD 322 and CLD 262) or Direct Entry

This course extends and applies the materials covered in Research I. Students formulate, carry out, write up, and present a research project of their own design in the field of early childhood education. Students also have the opportunity to analyze and critique each other's projects and to evaluate a variety of research approaches.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $584.73

☆ CCLD 332 Families in Canadian Context II

Students examine diversity in race, ethnicity, and culture within Canadian society and move toward an understanding of how these factors shape family values, family forms, child rearing, and parenting practices, and family expectations for their children. They examine the potential for conflicting expectations between families and educators/caregivers from the dominant culture. Concepts of race, racism, and ethnic relations are studied in the context of globalization, migration, refugee, and settlement experiences. Policies, practices, and legislation on immigration and settlement are also examined. Students engage with a family in the community as part of the course.

39.0 Hours Fees: $584.73

☆ CCLD 342 Assessment for Programming

Prerequisites: (CLD 241 and CLD 262) or Direct Entry or enroled in Disability Studies

This course examines approaches to assessment and evaluation of children's development with attention to children with disabilities and children-at-risk, from birth to eight years. Students use formal and informal screening and assessment tools to develop individualized programming for young children, to address a range of developmental needs in a variety of early childhood settings. A conceptual framework for assessment and programming skills in designing an individual program plan are concrete outcomes of this course.

A prerequisite may be waived if the student has specific professional experience. Students pursuing the Early Childhood Mental Health and Well-Being course series who do not have the prerequisite and who wish to take this course may apply for Department Consent.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $584.73

☆ CCLD 363 Field Education III

Prerequisites: (CLD 241 and CLD 262) or Direct Entry;
Corequisite: CCLD 342

Students continue to apply their knowledge and skills with children who may have identified disabilities, or for whom the program requires accommodations and/or modifications. Placements include settings with a focus on inclusive practice, such as the Toronto Metropolitan University Early Learning Centre, Gerrard Resource Centre, primary classrooms, and specialized programs. Weekly seminars support the placement experience. Discussions focus on inclusive practice, planning and implementing responsive learning activities, developing supportive relationships, and collaboration with the educator team. This course is graded on a pass/fail basis.

Placements are available in fall, winter, and spring/summer terms. For scheduling information, visit www.torontomu.ca/early-childhood-studies/field-education/third-year-field-placement-part-time-program/. Students must attend a mandatory information session and obtain permission of the School of Early Childhood Studies. The School will enrol students directly and start and end dates will be determined in consultation with the field education coordinator. Students must meet published criteria to be eligible for distance option. For specific information regarding the distance option requirements, visit www.torontomu.ca/early-childhood-studies/field-education/distance-field-placement-part-time-program/.

78.0 Hours Fees: $588.90

☆ CCLD 419 Children and Technology

Prerequisite: CLD 212 or Direct Entry

This course explores forms of knowledge media in children's lives and learning environments. Students will critically examine the use and misuse of digital technologies in teaching and learning, develop a working knowledge of online learning technologies, and acquire techniques for assessing various forms of knowledge media intended for early-years educators and children from infancy to age eight. The course will engage students in rethinking technology in relation to teaching and learning with young children.

Enrolment in this course is restricted to undergraduate students of the Toronto Metropolitan University School of Early Childhood Studies and those with instructor permission.

39.0 Hours Fees: $588.90

☆ CCLD 435 Theory and Practice of Family Support

This course provides a conceptual framework for examining the principles and practice approaches of family resource and support programs. A variety of perspectives are used to explore the needs of families and caregivers in the context of the community, public, and nonprofit programs, and government policy. Students have the opportunity to apply theory to practice in a community setting. Theories of social support and empowerment are examined as fundamental components of family support. Students explore ways to integrate early childhood education theory and family support into community-based programs.

39.0 Hours Fees: $584.73

☆ CCLD 442 Infant Mental Health

Prerequisites: (CLD 231 and CCLD 342) or
(Direct Entryand CCLD 342)

This course builds on previous child development courses for a detailed examination of the development of infants and toddlers. Students explore applications of developmental theory to identify and assess infants and toddlers, including those who may benefit from early intervention. Family empowerment intervention models are studied for all families with infants and toddlers. Cultural and economic contexts are stressed to assure responsiveness to diverse family models.

39.0 Hours Fees: $588.90

☆ CCLD 444 Therapies for Young Children

Prerequisite: CCLD 342

Students critically examine the theoretical foundations for therapeutic interventions. A range of intervention models and applications of techniques are explored including therapies in play, art, music, drama, and language.

39.0 Hours Fees: $584.73

★ CCLD 445 Inclusion and Consultation

Prerequisites: (CCLD 342 and CLD 262) or in Disability Studies

This course examines the changing paradigms of service delivery in early intervention and special education for young children experiencing disability and diversity in development and their families. Inclusive models of service delivery are explored including collaborative and consultative models currently in use in infant development programs, regulated child care, and early primary classrooms. Students consider educational change processes, consultation skills, public policy, interdisciplinary team collaborations, and teaching strategies in inclusive classrooms.

39.0 Hours Fees: $588.90

☆ CCLD 446 Children and Chronic Illness

Prerequisite: CCLD 342 or CYC 605

This course examines the impacts of chronic illness on the development of young children. Theoretical frameworks and current research from developmental paediatrics are explored and critically evaluated. Specifically, young children's adaptation to illness and hospitalization will be analyzed through case study examples and problem solving exercises. The role of the child life specialist and evidence-based practice is addressed with particular emphasis on interventions aimed at ameliorating the impact of illness.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $619.16

☆ CCLD 448 Childhood in a Global Context

Antirequisite: CCLD 447

This course examines international perspectives on theories of childhood and community development. Topics in the course include international funding of early childhood programs, global migration, Indigenous education, international organizations working in development and advocacy, and other topics identified by the instructor. The course examines social policy, curriculum, and health and education for social development in both early childhood and school settings.

39.0 Hours Fees: $619.16

☆ CCLD 454 Policy in ECEC

This course introduces students to the development of social policy in Canada with a particular focus on the care and education of young children. The roles of federal, provincial, and municipal governments, advocacy, social movements, as well as the sociopolitical and economic context are explored in reference to policy successes/failures. This course challenges students to connect their micro-level experiences as students of early childhood studies to the broader macro social and political context of which they are a part.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

☆ CCLD 464 Field Education IV

Prerequisites: CCLD 363 and CLD 262

In their final field education course, students take initiative to find an internship which emphasizes their ongoing professional learning and prepares them for future employment and/or further academic studies. This may include field and or research experiences in a broad range of geographic locations such as local, provincial, national, and international sites. The weekly seminar component of the course supports the students' internship experience. This course is graded on a pass/fail basis.

Note: Placements are available in fall, winter, and spring/summer terms. For scheduling information, visit **www.torontomu.ca/early-childhood-studies/field-education/fourth-year-field-placement-part-time-program.** *Students must attend a mandatory information session and obtain permission of the School of Early Childhood Studies. The School will enrol students directly and start and end dates will be determined in consultation with the field education coordinator. Students admitted prior to 2005 are required to complete CCLD 262 prior to CCLD 464. Students must meet published criteria to be eligible for distance option. For specific information regarding the distance option requirements, visit* **www.torontomu.ca/early-childhood-studies/field-education/distance-field-placement-part-time-program**.

78.0 Hours Fees: $588.90

Family Studies

NEW!

★ CCLD 231 Families in Canadian Context I

This course provides students with a foundation in the theoretical frameworks used to study families. Canadian research is highlighted and topics include: historical perspectives on families, the diversity of family forms; dating; family formation; parenting issues; separation and divorce; family re-formation, mid-life and aging families, same-sex, immigrant, visible minority and Aboriginal families, and domestic division of labour; work and family life; power and violence; and, social class with particular attention paid to families living in poverty.

39.0 Hours Fees: $601.42

☆ CFNF 400 The Social Context of Human Sexuality

This course examines the social basis of attitudes and behaviour related to human sexuality. By applying knowledge gained from the study of current research and theory, students will increase their understanding of the roots of societal norms and values related to sexuality and in the process they will have an opportunity to expand their own awareness of the range of sexual values and behaviour. Some of the areas to be considered are: premarital, marital, and non-marital sexuality; sexuality and liberation; sexuality and interpersonal relations; sex codes and personal codes; sex and gender role socialization, etc.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

Family Supports

★ CVFS 401 Contemporary Family Issues

This course provides students with a foundation in the theoretical frameworks used to study families. Canadian research is highlighted and topics include: historical perspectives on families, the diversity of family forms; dating; family formation; parenting issues; separation and divorce; family re-formation, mid-life and aging families, same-sex, immigrant, visible minority and Aboriginal families, and domestic division of labour; work and family life; power and violence; and, social class with particular attention paid to families living in poverty. Equivalent to CLD 231.

39.0 Hours Fees: $588.90

★ CVFS 403 Family Supports Theory and Practice

This course provides a conceptual framework for examining the principles and practice approaches of family resource and support programs. A variety of perspectives are used to explore the needs of families and caregivers in the context of the community, public, and nonprofit programs and government policy. Students have the opportunity to apply theory to practice in a community setting. Theories of social support and empowerment are examined as fundamental components of family support. Students explore ways to integrate early childhood education theory and family support into community-based programs. Equivalent to CLD 435.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

Food Security

★ CFNY 400 Selected Topics in Food Security

Prerequisite: CFNY 403

Course theme will vary. Topics will include sustainable food production, income security, and food security, and case studies in food security.

Students should contact the Academic Coordinator Reg Noble at rnoble@torontomu.ca as early as possible to discuss their project idea and to allow time for an experiential learning option to be organized.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $584.73

★ CFNY 403 Food Security Concepts and Principles

The continuing reality of hunger and the unsustainable nature of current social, economic, and food systems, both locally and globally, make food security an essential concern. This course introduces students to the concepts, programs, and policies of food security, in Canada and internationally, with emphasis on the contribution of income, employment, social assistance, urban planning, and food production and distribution systems to finding solutions to food insecurity.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $584.73

★ CFNY 404 Food Policy and Programs for Food Security

Antirequisite: CFNP 250

This course explores the development and analysis of food-related policy instruments and responses. Basic food economic concepts are introduced. Global as well as local issue in food production, processing, distribution, and consumption are explored. Topics include food prices and food policy analysis; agricultural subsidies; international trade; and food interventions. Students will also develop an understanding of the overall effect of income, policies, markets, and prices as they affect food security.

39.0 Hours Fees: $584.73

★ CFNY 405 Applied Research Methods and Evaluation

Prerequisite: CFNY 403

This course offers information on conducting and evaluating research for food security. The course will examine different attempts to conceptualize and operationalize food security and insecurity at the individual, household, community, and national levels; will introduce some methodological insights from social sciences useful for conducting research on food security; and will present tools for planning and managing project and program evaluation.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $584.73

★ CFNY 407 Community Development and Food Security

Prerequisite: CFNY 403

This course looks at the importance of sustainable community development for food security, and how community-based food and nutrition projects can promote economic development. While income-generating projects can have an immediate impact on individual and household food security, food security projects contribute to community development through their impacts on the formation of human and social capital. Cases from around the world will be used as examples.

Certificate students may receive direct entry into this course. Please contact Academic Coordinator Reg Noble for further information: rnoble@torontomu.ca

39.0 Hours Fees: $584.73

★ CFNY 408 Urban Food Security

Prerequisite: CFNY 403

The question of food security is a particular concern for urban populations as almost half of the world's population now resides in cities. Ensuring safe and affordable food for urban populations is a real challenge even for advanced industrial economies, and even worse for developing countries where resources are limited and poverty rates exceed 50 percent. This course will examine the unique challenges of creating food security in urban areas.

Certificate students may receive direct entry into this course. Please contact Academic Coordinator Reg Noble for further information: rnoble@torontomu.ca

39.0 Hours Fees: $584.73

★ CFNY 409 Gender and Food Security

The course explores the links between gender and food security, starting with a discussion of the concept of gender and a critical historical review of the Women's Movement. Contemporary issues, such as gender roles, social exclusion, resources, control, and labour, are examined, as well as the use of gender analysis and tools. The importance of agency and the effects of public policies and actions on gender equity are studied through case studies from around the world.

39.0 Hours Fees: $584.73

★ CFNY 510 Indigenous Food Systems in Canada

The course introduces students to Indigenous Peoples' food, nutrition, and health issues. Using the concept of food security as a framework, food availability, accessibility, adequacy, and acceptability will be discussed in the context of historical and current Indigenous food systems. Through lectures and class discussions, topics covered include: colonization and reconciliation; Indigenous worldviews; oral history and food; traditional foods; the social determinants of health; emerging health trends; food policy, community nutrition, and Indigenous food sovereignty.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $584.55

NEW!

✪ CVFN 400 Practicum/Project in Urban Agriculture

Course themes will vary. Experiential learning about sustainable urban food production at an urban farm sites, exchange programs with partner programs in other cities, and in-depth independent studies, are some of the possibilities that students are encouraged to explore.

Students should contact the Academic Coordinator Reg Noble, at rnoble@torontomu.ca as early as possible to discuss their project idea and to allow time for an experiential learning option to be organized.

Visit our **Experiential Learning** page to see examples of past projects.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $636.12

✪ CVFN 410 Understanding Urban Agriculture

Millions globally practise urban agriculture, with governments and civil society organizations increasingly promoting it to enhance urban food security, health, community building, sustainable livelihoods, and environmental management. This course expands the understanding of urban agriculture, its main types and dimensions, its potential impacts, the constraints and opportunities facing it, the stakeholders involved in it, the historical contexts shaping it, and the local, regional, and international development trends bearing on it.

This course has been developed in partnership with the RUAF Foundation in the Netherlands.

39.0 Hours Fees: $636.12

✪ CVFN 411 Dimensions of Urban Agriculture

This course describes the dimensions (functions, roles, benefits, potential risks) of urban agriculture and how these complement, supplement, compete with, substitute for, or undermine those provided by other land uses, sectoral activities, and actors. The main dimensions covered are: health and food security, socio-cultural dimensions, economic dimensions, and environmental dimensions. Two well-documented case studies will be used throughout the course to highlight each dimension separately, before bringing them all together.

This course has been developed in partnership with the RUAF Foundation in the Netherlands.

39.0 Hours Fees: $636.12

✪ CVFN 412 Practicing Urban Agriculture

There are many different types of urban agriculture. How are such types practiced in different contexts by different people? This course will feature multiple forms of urban agriculture, serving multiple functions. The motivation and methods employed to develop these different types will be explored. Entrepreneurial approaches will be emphasized, including social enterprises. Specific lenses will be applied, including gender and sustainability. Course modules will incorporate business planning and managing community relations.

This course has been developed in partnership with the RUAF Foundation in the Netherlands.

39.0 Hours Fees: $636.12

✪ CVFN 413 Urban Agriculture Policy-Making

This course discusses participatory policy formulation processes leading to sustainable development and institutionalisation of urban agriculture. It starts discussing tools and methodologies for analysing stakeholders, farming systems, land uses, and regulatory frameworks. Next steps involve strategic planning, followed by the formulation of action projects and policies, and their implementation (considering contrasting disciplinary perspectives), and finally, monitoring and evaluation. The course highlights lessons from a wide array of cities around the world.

This course has been developed in partnership with the RUAF Foundation in the Netherlands.

39.0 Hours Fees: $636.12

✪ CVFN 420 Green/Natural Infrastructure

Through online lectures, guest speakers, interactive modules, virtual site tours, and independent activities, students will gain core knowledge about green/natural infrastructure practices such as street tree planting, green roofs, rainwater harvesting, bioswales, and bioretention plantings. Topics to be covered include: ecosystem services (including social and economic); triple-bottom-line cost benefit-analysis and natural assets infrastructure valuation; the evolution of urban stormwater management leading to nature-based solutions; and Indigenous engagement and conservation efforts that tie to this work.

This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $630.60

Interdisciplinary Studies

★ CINT 555 Special Topics in Interdisciplinary Studies

This course gives students the opportunity to examine a particular set of social issues from a range of disciplinary perspectives. With the aid of this interdisciplinary approach, students come to appreciate how findings from different methods of social enquiry can be combined to produce fresh insights and new models of practice. The particular theme, topic, and structure of the course will vary in response to current social trends and student interest.

39.0 Hours Fees: $588.90

★ CINT 900 Program Planning and Evaluation Strategies

This course will examine methods of program planning and evaluation that are applicable to health promotion practice. Students will study frameworks for planning human service programs and how evaluation is used for assessment of program effectiveness, for improvement of programs, and for guiding resource allocation and policy development. (Formerly IST 900.)

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

★ CINT 901 Gerontology: Critical Issues and Future Trends

This course will assess the influence of Canadian and world demographic trends on the community services for the elderly; assess the influence of recent Canadian research in the field of aging on the community services of the future; examine innovative and traditional programs administered both by government and private agencies in the Western industrial countries and evaluate their relevance for Canada. (Formerly IST 901.)

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

★ CINT 902 Disability Issues

This course examines disability issues within a socio-political context. Such a perspective contends that it is not the specific type of disability condition which is the major source of disadvantage to the individual but the response that this condition evokes from the larger society. This course will challenge some of the traditional (and damaging) assumptions made about the needs of people labelled as being disabled and will present a framework for policy and practice designed to promote empowerment and inclusion. (Formerly IST 902.)

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $584.73

★ CINT 904 Health Promotion and Community Development

Students will be introduced to the history and development of health promotion and will examine health determinants from environmental, cross-cultural, psychosocial, and biological perspectives. The focus will be on the exploration of health promotion strategies which incorporate community development, popular education, and social marketing models. (Formerly IST 904.)

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

★ CINT 905 Conflict Resolution in Community Services

Antirequisites: CINP 914, CPLE 895 and SWP 924

Professionals in a wide range of disciplines are likely to encounter situations which are fraught with conflict, whether the issue is dealing with community opposition to the development of a new facility, developing environmental standards, allocating limited resources to meet emerging societal needs, or dealing with the conflicting demands and expectations of different stakeholders. This course is designed to enable students to develop consensus-building strategies that produce agreements that everyone can live with. The course utilizes case materials and examples drawn from different disciplines. (Formerly IST 905.)

This course is part of the Interdisciplinary Conflict Resolution and Team Building Course Series.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As

and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

This course is offered as a five-day intensive online and also a five-day intensivein the classroom.

Note for Intensive Online sections only: intensive section(s) of this course, scheduled for delivery over a five-day period, will require students to be online at various times throughout each day, and may include additional asynchronous components, recorded material, group work. etc. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

★ CINT 906 Sexuality: Power and Pleasure

This survey course examines the societal basis of attitudes and behaviours related to human sexuality. Students will be introduced to research and theoretical concepts in the literature that contributes to our understanding of sexuality. Sexuality is recognized as a complex and multi-dimensional component of human identity and experience, mediated and influenced by social constructs of gender, race, ethnicity, disability, sexual orientation, age, and socio-economic opportunities. The course promotes critical self and social consciousness through challenging sex-negative religious traditions, institutional regulation/control of sexuality, and gender socialization including patriarchal family structure. Some of the topics to be considered are sexuality across the life course; sexuality and liberation; intimacy, love and relationships; sex and gender role socialization; sex, violence and the law, sex as a commodity and AIDS and sexual behaviour. (Formerly IST 906.)

This course is offered as a five-day intensive online and also a five-day intensivein the classroom.

Note for Intensive Online sections only: Intensive section(s) of this course, scheduled for delivery over a five-day period, will require students to be online at various times throughout each day, and may include additional asynchronous components, recorded material, group work. etc. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $584.73

★ CINT 907 Team Work for Community Services

This course will introduce students to new frameworks for interdisciplinary collaboration in community service environments. Through hands-on, interactive learning, students will gain tools to innovate and transform teamwork processes. Students will engage with new strategies for efficient work planning, communication, decision-making, conflict resolution, leadership, and creative process. They will also be introduced to critical equity frameworks and strategies to support EDI (equity, diversity, and inclusion) in the workplace.

This course is part of the Interdisciplinary Conflict Resolution and Team Building Course Series.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Note for Intensive Online sections only: Intensive section(s) of this course, scheduled for delivery over a five-day period, will require students to be online at various times throughout each day, and may include additional asynchronous components, recorded material, group work. etc. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $584.73

☆ CINT 908 Homelessness in Canadian Society

This course offers an interdisciplinary approach to understanding the complex problem of homelessness. Drawing on literature from Canada and the U.S., issues which underlie homelessness, the various ways in which these may be manifested, the ever-changing characteristics of these populations, and the policy responses aimed at resolving issues are explored. The current state of statistical information, the views of frontline service providers and advocates, and the differing paradigms embedded in the various disciplines represented will form the basis for debate and shared learning. (Formerly IST 908.)

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

★ CINT 910 Indigenous Peoples, Pol and Reconciliation

The course introduces perspectives on Indigenous Peoples in Canada through an examination of policy. Central to this course is the study of Indigenous Peoples experience with colonialism, such as the residential school system and child welfare, as well as the struggle for self-determination. Indigenous worldviews and developing partnerships/alliances with Indigenous communities will also be explored. Students will be expected to critically examine these topics from the perspective of their discipline/profession.

This course will run during the Fall and Winter breaks.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

★ CINT 911 International Community Development

This course will introduce the student to the challenges of sustainable community development in the developing world. The course begins with a broad exploration of the meaning of development and under-development and its relevance to Asia, Latin America, Africa, and the Middle East today. This course will also explore various approaches which have been used in local, bottom-up developments as well as some tools which are now available to assist the community development facilitator. (Formerly IST 911.)

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

★ CINT 914 Settlement Experiences

This course examines the settlement processes experienced by new immigrants and refugees. The course discusses the different forms of resettlement, receptions, repatriation, social capital, and human capital. It will also discuss the theoretical approaches to citizenship, nationalism, and multiculturalism. The course introduces the intersection of race, gender, class, and citizenship. It reviews current debates regarding settlement policies and services provided to different classes of immigrants.

This course is part of the Immigration and Settlement Studies Course Series.

39.0 Hours Fees: $588.90

★ CINT 915 Responses to Migration

The focus of the course will be on the determinants of responses to migrants and migration through an examination of topics including racism, the media, legal status, services available to newcomers, education and credential recognition, and issues of housing discrimination. The goals of this course are to familiarize students with factors known to contribute to negative or positive responses to migrants and migration. In addition students will learn to apply these factors to important practical issues in a critical and reflective manner such as understanding trends over time in migration attitudes and looking at present strategies that may be utilized to improve responses to migrants and migration.

This course is part of the Immigration and Settlement Studies Course Series.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

★ CINT 916 Principles of Fundraising

This course provides a view of the Canadian voluntary sector and its organizations, as well as an introduction to concepts and issues related to the practice of fund development. This comprehensive overview also acts as a knowledge base for subsequent, in-depth study of the various aspects of fund development. The concept of philanthropy and various fund development approaches will be explored.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

★ CINT 917 Interprof. Ed. for Community Development

When citizens become involved in the development of their communities, the processes are distinct from state- or private-led development. Participatory and community-centred development requires planning, organizing and power sharing across community and professional groups. In this course, learners will be introduced to an Interprofessional Education (IPE) process for Community Development. In an IPE process, learners navigate varying professional and disciplinary perspectives, complexities of shared decision-making, implicit and explicit power dynamics and reflect on group process.

This course is offered as a five-day intensive online and also a five-day intensive in the classroom.

For Intensive Online sections only: Intensive section(s) of this course, scheduled for delivery over a five-day period, will require students to be online at various times throughout each day, and may include additional asynchronous components, recorded material, group work. etc. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

★ CINT 920 Community Collaborations

This interdisciplinary course will assist students and practitioners in developing knowledge and skills required in multi-sectoral community collaborations. The course provides an overview of collaboration while reviewing common factors influencing success. Collaborative processes will be examined including: community engagement and mobilization, strategic planning and implementation, governance, leadership, communications, and evaluation. Examples of community collaborations, community hubs, community development projects, and urban collectives that improve outcomes for children and youth through to older adults are explored.

This course is part of the Interdisciplinary Conflict Resolution and Team Building Course Series.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

★ CINT 921 Writing Bodies Differently

This interdisciplinary course brings together novice and experienced learners from various backgrounds to explore disability/the body, and to experience response writing, social media writing, creative writing, and creative non-fiction. This course attends to writing as a form of investigation, expression, inquiry, resistance, and solidarity. Students explore how writing changes depending on context, and engage in the experiential actions of investigating their topic of choice, re-writing, editing, and exploring different representational forms as an activism method.

This course is part of the Interdisciplinary Conflict Resolution and Team Building Course Series.

39.0 Hours Fees: $588.90

★ CINT 922 Introduction to Indigenous Worldviews

An introduction to Indigenous worldviews in Canada with reference to Indigenous worldviews globally. Students will be introduced to Indigenous perspectives, values, and spirituality. It includes an exploration of what constitutes "valid" knowledge, how knowledge shapes identity, and how it influences the lives of Indigenous Peoples today. The role of worldviews as the basis of social justice and transformative change with the message that Indigenous knowledges can be of value to all people of the world.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.61

★ CINT 923 Canada's Story: An Indigenous Perspective

This course will explore the background of Indigenous Peoples from the time of creation, through the processes of colonization, its present impacts, and resistance to such impacts. It will address the arms of colonization such as the Indian Act, residential school system, child welfare, and education. Indigenous Peoples' survival, resistance, and healing will also be a major component to this course.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.61

NEW!

★ CINT 930 Aging: From Cells to Society

This course examines and critiques issues and concepts associated with aging and older adults from the individual/physiological and the social/structural perspective. Topics include the physical and cognitive changes with aging, along with issues related to diversity, social support, aging-in-place, leisure, work and retirement, healthcare, and technology. Through interdisciplinary course discussions and analysis of case studies, students will develop their knowledge and build capacity to respond to the needs of an aging population.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

NEW!

★ CINT 935 Ethical/Legal Frameworks in Aging

Demographic changes mean that most disciplines and professions will work with older adults. This course introduces students to key ethical and legal aspects of working with older adults and how to manage them. Topics include the rights of older adults, informed consent, advance care planning, mental capacity, dementia, disability, and caregiving. Students will develop their capacities for navigating legal and ethical challenges in practice and to support and safeguard the rights of older adults

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

NEW!

★ CINT 940 Mobilizing Research for Change

Across disciplines and professions there is an emphasis on evidence-informed practice and policy. Through an introduction to quantitative and qualitative research methods, this course develops students' skills for finding and critically analyzing research evidence to inform change. Students will identify a practice/policy issue of their own interests, find and appraise research evidence, and strategize to mobilize knowledge for change. Course discussions focus on aging and older adults, but the skills are transferable across disciplines.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

NEW!

★ CINT 945 Technology and Aging Populations

This course investigates technology and aging. It examines the potential of technology to improve health and societal outcomes for aging populations. Course materials focus on technological innovation, design, access, and use patterns of older adults in relation to health and well-being, social inclusion, aging-in-place, caregiving, the workforce, leisure, and mobility. Students will mobilize theory and knowledge to analyze the potential of 21st century technologies to address challenges and further opportunities to support healthy aging and well-being.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

NEW!

★ CINT 950 Practicum/Project in Gerontology

Department Consent Required

This course is designed to mobilize students' theoretical and substantive knowledge in aging and gerontology through an applied project. Students will work in a placement or on a project of interest to them in the field of aging/gerontology to gain experience in working with older adults and to support current or future career goals. Learning is facilitated through a variety of teaching modes, including sustained contact with the course instructor.

Students should contact the Academic Coordinator Anthony Lombardo at anthony.lombardo@torontomu.ca as early as possible to discuss their project idea and to allow time for an experiential learning option to be organized.

Visit our **Experiential Learning** page to see examples of past projects.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

NEW!

★ CINT 960 Leadership Framework for Community

This course explores a framework of key leadership practices from leading oneself (personal values, integrity, authenticity, and trust) through to leading within one's community. Themes include: emotional and social intelligence, vision, communication, leading change, experimentation, execution, collaboration, motivation, progress, and goals. This course provides both theoretical principles (foundational leadership approaches and concepts) and practical application. As students range from diverse backgrounds and experiences, significant development will occur through respecting and learning from various interdisciplinary perspectives.

39.0 Hours Fees: $588.90

NEW!

★ CINT 962 Foundations of Student Affairs Practice 1

Through holistic, anti-oppressive, and adult-learning frameworks, a variety of student support and student-facing professionals from college and university campuses will co-create a learning community in which they will articulate their personal foundations as Student Affairs professionals; explore the practical skills, values, and knowledges related to Student Affairs; grapple with the implications of colonization for Canadian higher education; discover new perspectives; and become empowered to transform their practice to be more inclusive, equitable and student-centred.

This course will require you to be online for live lectures at the scheduled time. There will also be a limited amount of pre-recorded material. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

NEW!

★ CINT 965 Sex, Drugs and Incarceration

Antirequisites: CINT 900, CPPA 402, CSWP 932

This interdisciplinary course will employ a trauma-informed approach to explore tensions between criminalization and harm reduction in relation to substance use, sex work, and incarceration. Current qualitative and quantitative research, including perspectives from community agencies and advocates, as well as film and video screenings and first-person accounts will be used to explore impacts on diverse and often marginalized populations. Topics will address historic and modern forms of criminalization, the politics of stigmatization, and policy implications.

39.0 Hours Fees: $588.90

Occupational Health

★ COHS 208 Occupational Health and Safety Law

Antirequisite: CMHR 711

This course begins with an examination of the Workplace Safety and Insurance Act and how the compensation system operates. An emphasis is placed on a detailed examination of the Occupational Health and Safety Act and the Canada Labour Code Part 2. A thorough analysis of the elements of the Internal Responsibility System is provided (duties, committees, work refusals). Secondary federal and provincial legislation is also covered. The course concludes with issues related to enforcement, prosecutions and due diligence.

COHS cannot be replaced by CMHR 711 as a course credit towards the Certificate in Occupational Health and Safety.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Note for Intensive sections only: intensive section(s) of this course, scheduled for delivery over a five-day period, will require students to be in classthroughout each day, and may include additional asynchronous components, recorded material, group work. etc. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $605.58

NEW!

★ COHS 314 Physical Agents

Prerequisite(s): ENH 220 or in Occ. Health and Safety for Grads; Registered certificate program students without the course prerequisites may apply for consideration to enrol in this course. Contact Chang School Client Services ce@torontomu.cafor more information.

This course is concerned primarily with two important physical agents in the workplace: noise and heat stress. Other physical health hazards covered include cold stress, whole-body and hand-arm vibration, and barometric pressure. The nature and health effects of these agents, as well as the occupational exposure criteria, measurement techniques, and exposure control methods are reviewed.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

45.5 Hours Fees: $594.11

★ COHS 323 Accident Theory

Accident theory is foundational for all aspects of OHS management. Models are examined, drawing on disciplines such as psychology, epidemiology, engineering, ergonomics, and organizational studies. Of particular importance is the distinction between root causes and behavioural causes. The importance of accounting for all possible categories of losses is emphasized. The aim is not to provide the "one best" model, but to analyze the strengths and weaknesses of each model and to assess their usefulness for various purposes.

39.0 Hours Fees: $594.11

★ COHS 477 Disability Management

This course explores the key concepts of integrated disability management. A multi-disciplinary approach to managing all forms of disability will be put forward based on sound best practice disability management techniques. Government legislation and regulations will be reviewed as well as the influence of non-governmental organizations. Multiple models of disability management will be presented. The assessment and evaluation of various return to work processes will be undertaken.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $594.11

★ COHS 508 Occupational Health and Safety

This course introduces aspects of occupational health and safety that are relevant to students regardless of their career choice. In the first half of the course, we will discuss workplace safety and accidents including what to do in case of a work-related incident. In the second half of the course, the nature of common occupational health hazards, their effects upon the human body, and examples of typical protective devices and measures to reduce the risk are examined. Techniques of hazard recognition, evaluation, and control are examined.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Note for Intensive sections only: intensive section(s) of this course, scheduled for delivery over a five-day period, will require students to be inclasthroughout each day, and may include additional asynchronous components, recorded material, group work. etc. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $598.28

★ COHS 516 Ergonomics

Prerequisites: ENH 220or in Occ. Health and Safety for Grads

This course is designed to provide a comprehensive overview of ergonomics emphasizing applications to product design and prevention of musculoskeletal injuries. The focus includes anthropometry, workplace design, and biomechanical and other human factors. It also covers physical and cognitive principles relevant to human performance and well-being that are reflected in workspace, interface and task design including controls and displays, and manual materials handling. Ergonomic assessment methodologies will be used to assess design features and possible musculoskeletal problems.

Note: Registered certificate program students without the course prerequisites may apply for consideration to enrol in this course. Contact Chang School Client Services ce@torontomu.ca for more information.

39.0 Hours Fees: $584.73

★ COHS 523 Safety Evaluation Techniques

This course introduces principles of evaluation and surveys a range of methods used to evaluate safety, including the use of injury data, task analysis methods; introduces various qualitative and quantitative methods for evaluating safety including inspections, FMEA, fault tree analysis, HAZOP, human error identification methods, and related evaluation techniques.

Registered certificate program students without the course prerequisites may apply for consideration to enrol in this course. Contact Chang School Client Services ce@torontomu.ca for more information.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $584.73

★ COHS 608 Hazard Recognition and Control

This course introduces the techniques of hazard recognition and control and examines specific hazards-primarily of a physical and safety nature. Hazard recognition and hazard control are shown to be interrelated since inadequacies of control measures in themselves may constitute hazards. Not available to students in OC003 or OC006

This course is not open to ENVO, ENVS, or ENVC students.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Note for Intensive sections only: intensive section(s) of this course, scheduled for delivery over a five-day period, will require students to be on-campus, in class, each day, and mayinclude additional asynchronous components, recorded material, group work. etc. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $605.58

★ COHS 623 Safety Control Methods

Building upon earlier courses emphasizing hazard recognition and evaluation, this course examines the major categories of control methods, respiratory protective devices, and measures essential to eliminate or reduce workplace hazards. The course emphasizes plant design, ventilation design, preventive maintenance, housekeeping, respiratory personal protective equipment, and hygiene.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

52.0 Hours Fees: $769.39

NEW!

★ COHS 709 Fire and Radiation Safety

Prerequisite: COHS 314

Building on courses that provided an understanding of the nature of fire, explosions, and methods of evaluation, this course begins with an analysis of prevention and protection strategies. The Fire, Building, Electrical, Propane, and Gasoline Handling Codes are examined. The elements of a fire safety management program are set out. Ionizing and non-ionizing radiation are covered, with attention given to regulations governing radiation sources. The role of a Radiation Safety Officer is discussed.

Registered certificate program students without the course prerequisites may apply for consideration to enrol in this course. Contact Chang School Client Services ce@torontomu.ca for more information.

39.0 Hours Fees: $594.11

NEW!

★ COHS 800 Sectoral Applications

Techniques of identification, evaluation, control, and management that students have mastered in previous courses are applied to the hazards and controls associated with specific sectors of the economy: manufacturing, construction, forestry, mining, transportation, health care, retail, offices and utilities. Sector-specific regulations are examined. The role of sector-specific safe workplace associations is discussed. This course provides students with an opportunity to explore potential areas of their professional practice.

39.0 Hours Fees: $594.11

NEW!

★ COHS 811 OHSE Management Systems

This course covers the planning, development, implementation, monitoring, and review phases for occupational health,safety and environmental management systems. The processes for management system designs found in ISO 14001, ISO 45001, and ANSI/ASSP Z10 are critically examined. The importance of the Internal Responsibility System, when setting out organizational arrangements for responsibility, authority and accountability, is stressed. Policies, programs, and procedures within an OHSE management system are designed to be workplace-specific

39.0 Hours Fees: $594.11

NEW!

★ COHS 840 OHS Leadership and Ethics

This course focuses on the management of occupational health and safety (OHS), with a particular focus on ethics, and the role of the OHS professional as a leader who influences the safety culture of an organization. The course will include discussion of leadership and leadership techniques within the context of OHS, management of OHS projects, professional ethics, enterprise risk management, and evidence-informed decision-making.

39.0 Hours Fees: $594.11

CVOH 100 BCRSP eModules

In a dynamic era of workplace safety, the demand for skilled Occupational Health & Safety (OHS) professionals has surged. Employers seek individuals who possess advanced education and comprehensive experience to support safe and healthy work environments. As of July 1, 2018, the eligibility criteria for a Canadian Registered Safety Professional (CRSP) have been revised, emphasizing the importance of education and experience.

Stay current and elevate your career in OHS with our BCRSP eModules course. This course responds to the industry shift and equips existing CRSPs with the skills and knowledge to meet the new certification requirements to excel in the evolving field of workplace safety. Our flexible, self-study course aligns with specific skills identified in The Occupational Health and Safety Professional Capability Framework: A Global Framework for Professional Practice, released by the International Network of Safety and Health Practitioner Organizations (INSHPO), which the Board of Canadian Registered Safety Professionals (BCRSP) is a member organization. The course is delivered through four (4) online modules covering the following topics:

- Professional Skills
- Project Management
- Communication and Leadership
- Professional Conduct and Ethical Practice

19.5 Hours Fees: $339.00

Social Work

★ CSWP 402 Social Policy and Social Inclusion

Prerequisite: All 3rd and 4th term Required courses or Direct Entry

Building on SWP 302, this course focuses on approaches and tools for social action and social change, moving students from a theoretical knowledge of social policies to a practical, action-oriented focus on making social claims visible and building program capacity. It examines issues of governance, funding structures, voices, exclusionary processes, and experiences with the social welfare system. The course explores strategies of collaboration and citizen engagement for social inclusion and social change. (SWP 302 and SWP 402 replace former equivalent course SWP 22A/B.)

39.0 Hours Fees: $588.90

☆ CSWP 538 Social Work Research: Part I

Prerequisites: All 3rd and 4th Semester Required Courses or Direct Entry

This course provides an introduction to quantitative social research epistemologies relevant to an anti-oppression practice framework. The course explores ethics, ownership, research for and with marginalized communities, inclusiveness, and critical reflexivity while designing and conducting research. It critically examines steps in the quantitative research process. As a strategy to effect change, students will acquire the knowledge and skill to conduct quantitative research and to critically assess research articles in the literature from an anti-oppression framework. (SWP 538 and SWP 638 replace former equivalent course SWP 38A/B.)

Students pursuing the Research Methodologies and Program Evaluation course series who do not have the prerequisite and who wish to take this course should contact Rose Reid, Program Coordinator, at rosereid@torontomu.ca for permission to take the course.

39.0 Hours Fees: $584.73

☆ CSWP 638 Social Work Research: Part II

Prerequisite: CSWP 538

Building on Part I, this course provides an introduction to qualitative research from critical, interpretive, anti-oppression, and Indigenous peoples' perspectives. The course explores ethics, ownership, research for and with marginalized communities, inclusiveness, and critical reflexivity while designing and conducting research. Students will acquire knowledge and skills to conduct qualitative research, program evaluations, and community-based research as a strategy for effecting change. (SWP 538 and SWP 638 replace former equivalent course SWP 38A/B.)

Students pursuing the Research Methodologies and Program Evaluation course series who do not have the prerequisite and who wish to take this course should contact Rose Reid, Program Coordinator, at rosereid@torontomu.ca for more information. A prerequisite may be waived if the student has specific professional experience.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $584.73

★ CSWP 917 Special Topics I

Prerequisites: All 3rd and 4th term Required Courses orDirect Entry

This course provides students with the opportunity to pursue advanced seminar studies on issues and themes of immediate and current significance in the field of social work, where the content of the proposed seminar is unavailable in the curriculum. Seminars will be offered where there is demonstrated student interest, and available faculty expertise in the subject.

39.0 Hours Fees: $584.73

★ CSWP 925 Strong Helpers' Teachings

Ogitchita Luwatilihunyunih (Aboriginal translation) is designed to build upon the content and learning from SWP 435. It provides students with an understanding of an anti-colonial theoretical framework when approaching social work with Aboriginal peoples. Students examine how social policies and research inform social work practice with Aboriginal peoples, with an emphasis on self-determination/sovereignty and Aboriginal research methodologies. They gain an understanding of the strengths of Aboriginal worldviews in helping others and address how to integrate these into their practice.

39.0 Hours Fees: $584.73

★ CSWP 933 Indigenous Health and Well Being

Taking a global perspective, Indigenous health and wellness will be explored through the decolonizing theoretical framework of the Anishinaabe Medicine Wheel – a balance of physical, mental, emotional and spiritual well-being. The health status of Indigenous people globally, the Indigenous peoples of North America, and more specifically Aboriginal peoples of Canada, will be discussed through social and political determinants of health lens. The course will also focus on promising health promotion practices and programs.

39.0 Hours Fees: $588.90

★ CSWP 934 Community Engagement Foundations

This course will establish the historical evolution and theoretical underpinnings of community engagement as a process for enacting and supporting active citizen participation in community and civic affairs. The student will learn models, principles, and methods of community engagement. The course will cover a range of analytic frameworks from which action on community engagement and community development can occur.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

★ CSWP 935 Engaging Diverse Communities

This course will focus on building practice skills for working with diverse communities and engaging excluded groups in order to improve the well-being of their neighbourhoods and/or organizations. Students will learn to assess and understand the demographics of an area, the implications of these findings for guiding community outreach and engagement initiatives successfully, and how to develop and support implementation of an engagement plan with diverse communities and groups.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

★ CSWP 936 Community Engagement Practices

This course will study best practices for community capacity-building and improving community well-being. It will focus on the knowledge and skills required to effectively support the community engagement process. Case studies and experiential exercises will be used in the course to convey the skill-set that a community practitioner needs for effective community engagement and leadership development.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

★ CSWP 937 Community Engagement Capstone

Department Consent Required

This capstone course provides an opportunity to integrate and apply the knowledge and skills acquired through previous courses. Individually or in small groups, and with course instructor approval, students select a project that reflects their own personal or professional interests. Examples of possible projects include the development of a presentation based on analysis of a set of real life scenarios or the analysis of a community issue or situation from the student's own professional milieu.

Students should contact the Academic Coordinator Jennifer Ajandi at jajandi@torontomu.ca as early as possible to discuss their project idea and to allow time for an experiential learning option to be organized.

Visit our **Experiential Learning** page to see examples of past projects.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As

and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Students may choose one of the following three options:

- Develop a project-based experiential learning opportunity with the Experiential Learning (EL) Coordinator Farheen Hasan at farheen.hasan@torontomu.ca. The EL will facilitate an opportunity for students to develop their transferrable skills based on professional interests and current project availability in community settings. This may include drawing from existing community project opportunities or creating new ones, when available.
- The student may facilitate the creation of their own project-based experiential learning opportunity in their place of work, identifying a project advisor and working with the EL to ensure appropriate learning parameters will be met.
- The student may facilitate the creation of their own project-based experiential learning opportunity at another organization they are currently connected with or will develop a relationship with, identifying a project advisor and working with the EL to ensure appropriate project parameters are developed.

39.0 Hours Fees: $588.90

★ CVSW 900 Foundations of Social Work

Department Consent Required

This course is a critical examination of social work from Canadian and international perspectives, including its contexts, debates, values, ethics and principles of practice, functions, and activities. Attention is given to the major theoretical frameworks to social problems and responses. Drawing on anti-oppression perspectives, students will develop beginning analytical skills in understanding social work and the promotion of social justice with specific attention to Indigenous and Francophone populations. This section of the course specifically addresses the Canadian context to social work and social welfare for students with international qualifications and practice experiences. (Equivalent to SWP 132 and SWP 331.)

This course is restricted to registered Certificate in Canadian Social Work Practice students in the IESW Bridging Program.

78.0 Hours Fees: $1367.24

CVSW 901 Introduction to Social Services in Ontario

Department Consent Required

This course is designed to reflect the specific needs of internationally-educated professionals who have experience in the social service field. The course offers an orientation to social services in Ontario, including current labour market demands and expectations. It introduces students to the skills, knowledge, and conceptual frameworks utilized in social services, with an emphasis on understanding sector-specific vocabulary, terminology, and employment.

This course is restricted to internationally-educated professionals and requires consent from the IESW Bridging Program.

30.0 Hours Fees: $491.00

✪ CVSW 932 Indigenous Knowledges in Practice

Department Consent Required

The goal is to integrate and apply knowledges gained from previous courses. Learning opportunities are available for students working in non-Indigenous and Indigenous work places as well as those who are non-employed or students. Students will be given an opportunity to select a project that relates to their personal or professional interest when possible. The project or research focus is intended to promote positive change.

Students should contact the Academic Coordinator Shane Young at shane.young@torontomu.ca as early as possible to discuss their project idea and to allow time for an experiential learning option to be organized.

Visit our Experiential Learning page to see examples of past projects.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $737.62

Accessibility Studies

NEW!
CVAS 150 Rick Hansen Foundation Accessibility Certification Training

You have a diploma or at least two years of completed post-secondary studies in architecture, engineering, urban planning, interior design, or a related program; or You have a Journeyperson Certificate of Qualification in a designated trade related to building construction; or You are an engineer (or eligible for registration as an engineer); or You are an architect (or eligible for registration as an architect); or You have a minimum of five years of construction experience; or You have an equivalent combination of lived experience and built environment knowledge; Education and credentials awarded outside of Canada will be considered.

This course trains built environment professionals to understand the needs of people with disabilities, and rate spaces with a meaningful accessibility and human-centred perspective. Through the application of the Rick Hansen Foundation Accessibility Certification™ (RHFAC) methodology, you will learn practical skills needed to measure the accessibility of existing sites, and incorporate a Universal Design lens to your new construction or renovation projects.

Course Length: 10 week

Required items: Laptop or tablet with Microsoft Excel, measuring tape, camera or smartphone for taking photos.

Cost: $2500 + HST (plus $30.50 ancillary fees)

Tuition grants are available. To be eligible, applicants must be an Ontario resident, or, if applying outside of the province, must identify as a person with a disability. Find out more at the **Rick Hansen Foundation's Tuition Grants for Accessibility Education** webpage.

48.0 Hours Fees: $2855.60

CREATIVE ARTS AND MEDIA

Combined Media

★ CMPC 101 Visual Studies I

Available only to students in Image Arts; Chang School students, not pursuing an Undergraduate degree, can contact Chang School Client Services (ce@torontomu.ca) for permission to enrol in this course.

This course will deal with the fundamentals of expression and interpretation in the visual arts. Students will undertake applied exercises related to the elements and principles of composition and design. Completed projects will be critiqued with reference to traditional and contemporary design issues. The course's main setting is the studio, where a variety of materials and approaches are explored.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Supplies and materials to be purchased by the student: A list of supplies and materials required will be given to students after the first class. Cost approximately $70.

39.0 Hours Fees: $649.40

★ CMPC 103 Reframing Art History

The course explores the decorative arts, painting, architecture, sculpture, and performance cultures of African, Oceanic, and Pre-Columbian societies from pre-contact through the 19th century. Students examine the collection and exhibition of studied artworks within the context of seafaring, the global slave trade, and colonial expansion, as well as consider the arts institutions and artists movements that resulted.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $649.40

★ CMPC 201 Visual Art: Concepts and Theories

This lecture course introduces the concepts and theories that animate visual work in all media and forms, providing a foundation for students embarking upon their studies in the culture industries. It offers theoretical, historical, and cross-disciplinary perspectives, and is designed to establish a framework of knowledge that will enhance understanding of the cultural and technical power and limitations of various media.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $649.40

★ CMPC 203 Art in the Modern World

Prerequisite: CMPC 103

This course provides a contextual survey of 20th century art in the West from its roots in 1900s to its proliferation of styles in the 1960s. The modernist ideologies inherent in movements such as Conceptualism, Feminism, and Postmodernism will also be examined, as will the impact of burgeoning digital technologies.

39.0 Hours Fees: $649.40

Digital Entrepreneurship Innovation

★ CEID 100 Digital Skills and Innovation

This course will introduce students to an extensive set of digital tools in order to develop a working knowledge of digital technologies, and learn skills for assessing various forms of knowledge media intended for a wide variety of disciplines. Students will be expected to explore and understand the appropriate use of digital technologies, to critically review the role of those technologies, their interoperability, and to demonstrate understanding of how such tools can be integrated into their own work.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $847.65

Fashion

NEW!

✪ CDFI 100 Events and Digital Experiences

This course will acquaint students with aspects of event production from concept for the visual presentation of merchandise through to methods of planning the execution of promotions, digital experiences, and fashion shows. Topics include design of the event, theme, audience, floor plan/ virtual delivery concept, schedule, vendor relations, budget planning, talent and contract negotiation, models, fittings, choreography, technical services, advertising and promotion, press kits, and related special services.

39.0 Hours Fees: $667.17

✪ CDFI 200 Visually Speaking

From traditional print mediums to today's multitude of screen-based social media and digital platforms, the contemporary consumer is bombarded with imagery. To reach through this crowded arena, creators must ensure their brand's visuals communicate quickly, clearly, and intelligently. Through the understanding and use of design elements and principles in creating brand imagery and end product, the student will learn to speak this international visual language to win – and hold – their brand's appeal among oversaturated consumers.

39.0 Hours Fees: $667.17

✪ CDFI 300 Fashion Research and Analytics: An Introduction

Fashion businesses face specific challenges in using data analytics and demand forecasting as they work with dynamic assortments and short lifecycle products. In this course, students are introduced to the complexity of data inputs specific to fashion, including: distribution of sizes, colours and styles; shifting seasonality; variations in fit and colour between brands and style; product return rates. Students learn to identify credible data sources and how to analyze that data to inform business decision-making.

39.0 Hours Fees: $667.17

✪ CDFI 400 Fashion Innovation Project

Pre-requisites: CFSN 105, CFSN 223, CDFI 100, CDFI 200, CDFI 300

This capstone course provides an opportunity to integrate and apply the knowledge and skills acquired through previous certificate courses. Individually or in small groups, and with instructor approval, students design and execute a project that reflects their own personal or professional interests. The outcome is a thoughtful portfolio contribution that demonstrates evidence of competency.

39.0 Hours Fees: $667.17

★ CFSN 105 Fashion Systems I

This course introduces students to theoretical understandings of the business of fashion. A fashion system is a set of interconnected activities that consists of making, producing, promoting, and consuming. There are many fashion systems at play at any given time and these modes change continually. This course explores key issues in the social, political, and economic contexts of past and present fashion systems as well as the roles of individual actors in these systems. Assessment is comprised of individual and group projects, including an analysis of a fashion system.

39.0 Hours Fees: $630.63

NEW!

★ CFSN 223 Fashion Theory

This course introduces students to the study of fashion as an industry and an everyday practice. It will examine the relationship between fashion and gender, disability, race, indigeneity, class, sexuality, body shape, and other social locations, and places these locations within a sociological, cultural, historical, and business contexts. Students develop radical ways of understanding and engaging with fashion in order to ignite systemic social transformation.

39.0 Hours Fees: $630.63

☆ CFSN 302 Fashion Histories: Ancient to Pre-Modern

Many people associate fashionable dress with "modern" Western culture and industrialization, but this course examines how fashions have long existed in cultural dialogue across ancient, medieval, and early modern societies. Trade, warfare, colonialism, and ceremonial exchange ensured that raw materials, techniques, and dress forms literally traveled the world on our backs. Networks for the circulation, assimilation, and representation of fashions forged in these periods still impact the operation of our global fashion system today.

39.0 Hours Fees: $630.63

Film Studies

★ CDMP 125 Fiction Screenwriting

This course introduces students to basic writing and research techniques as they relate to fiction filmmaking and the film business. It acquaints the student with the basics of writing for production. The concentration is on visual writing at the outline stage for fiction films. Methodologies for interviewing as well as story and subject research will be dealt with in depth. The course will also deal with the basic forms of documents in commercial production such as proposals, treatments, submissions, and budgets. CDMP 125 is equivalent to MPF 324.

39.0 Hours Fees: $633.75

★ CDMP 130 History of Arts and Scenography

This course will study scenography as a parallel progression with a cross-cultural survey of the arts. Organized along major world belief systems, students will familiarize themselves with visual and aural culture as it is expressed in art, music, architecture, fashion, and decorative arts. From sacred space to 21st century media, students will examine how the elements of early spiritual dance evolved with emerging technologies and changes in religious, societal, and political systems. Students will learn to recognize cultural and scenographic trends as they conduct primary and secondary source research. The scenographic tradition will be addressed in terms of ceremony interpreting text for constructed or virtual worlds, relationship-building in communities, and collaborative work structures. The lexicon of scenographic technologies and styles will also be examined as a reflection of world culture. Weekly lectures and visual and aural research will enable students to create a personal textbook of sources to use for designing productions. (Equivalent to one Professionally Related elective from Table II, see Image Arts in the Undergraduate Program Calendar.)

39.0 Hours Fees: $601.42

★ CDMP 700 Advanced Screenwriting

Prerequisite: CDMP 125 or CDMP 126

This advanced workshop course is designed for those students with a special interest in writing for film or television. The course deals with the stages of screenwriting in the dramatic form from the development of the outline to the script treatment. CDMP 700 is equivalent to FPN 503.

39.0 Hours Fees: $646.28

CDMP 999 Summer Film School

Students now have the opportunity to obtain the Certificate in Film Studies over 12 intensive, six-day weeks. This unique fast-track program covers all required motion picture production, technology, and digital editing courses, plus three electives. Enrolment is limited to 25 students. For course information, contact James Warrack at 416.979.5000, ext. 2237, or jwarrack@torontomu.ca.

390.0 Hours Fees: $6082.00

★ CMPF 106 Film Production: Silent Film

Available only to students in Image Arts; Chang School students, not pursuing an Undergraduate degree, can contact Chang School Client Services (ce@torontomu.ca) for permission to enrol in this course.

This lecture/laboratory course introduces students in Film Studies to the art and craft of the medium – its history, main genres, and techniques. The course focuses on how meaning is created through the moving image and specifically explores the relationship between form and content. Different creative methods are explored by making silent 16 mm films. Visualization and storytelling are introduced, studied, and practiced.

39.0 Hours Fees: $601.42

★ CMPF 107 Intro to Cinematography

Available only to students in Image Arts; Chang School students, not pursuing an Undergraduate degree, can contact Chang School Client Services (ce@torontomu.ca) for permission to enrol in this course.

This lecture and lab class introduces students to the concepts, tools, applications, and foundations of filmmaking, including photographic imaging, exposure, cinematography, lab processes, lighting, analogue film editing, as well as an introduction to basic sound recording and non-linear editing. This course focuses on the visual aspects of silent film production and non-synchronous sound.

39.0 Hours Fees: $601.42

☆ CMPF 207 Introduction to Editing and Sound

Prerequisite: CMPF 107;
Corequisite: MPF 206

This course introduces students to the fundamentals of digital cinematography as well as more complex post-production techniques and workflows including sound design, audio mixing, and colour correction. Principles of data management for non-linear editing will be included.

39.0 Hours Fees: $601.42

★ CMPF 301 Business of Film

Prerequisite: MPF602; Available only to students in Image Arts; Chang School students, not pursuing an Undergraduate degree, can contact Chang School Client Services (ce@torontomu.ca) for permission to enrol in this course.

This course helps students to become aware of the business aspects of film and video production and includes documentary, commercial, and narrative productions. It deals with those areas of pre-production, production, and post-production which most involve the producer directly. Promotion, distribution, and exhibition of product will be dealt with.

Certificate students may receive direct entry into this course. Please contact Academic Coordinator James Warrack to discuss a prerequisite waiver: jwarrack@torontomu.ca.

39.0 Hours Fees: $601.42

★ CMPF 322 Film Prod. Directing for Camera

Prerequisites: CMPF 206 and CMPF 207

This intermediate-level course focuses on the craft of cinematic storytelling. Students will examine narrative design and structure, performance, camera, composition, mise-en-scene, narrative point of view, and on set collaboration. They explore rationale for each of the shots and movements they have chosen to translate a script into an emotionally engaging cinematic experience.

39.0 Hours Fees: $601.42

★ CMPF 423 Film Technology III

Prerequisite: CMPF 207
Corequisite: MPF 422

This course advances students' knowledge of the theoretical and practical aspects of synchronous sound, digital cinematography, and non-linear editing. Aspects of sound techniques include: double-system sound recording; on-set production practices; issues in the synchronization of sound and picture; the foley studio, and basic mixing processes for film and television production.

This course will be offered using a hybrid model of instruction. To ensure students receive equipment demonstrations and hands-on practice, four classes will be offered in-person as allowed by government and public health guidelines. The remaining classes will be delivered through virtual instruction. Dates of on-campus instruction to be confirmed.

Registered certificate program students who do not have the corequisite and who wish to take this course should contact Ana Abreu, Program Coordinator, at aabreu@torontomu.ca for more information. A requisite may be waived if the student has specific professional experience.

39.0 Hours Fees: $601.42

Graphic Communications

★ CGCM 110 Introduction to Graphic Communications

This course introduces students to graphic communications manufacturing processes with emphasis on the variety of methods available, and their application. Subject matter includes design, copy preparation, premedia, proofing, materials, various printing processes, post-press, health and safety, sustainability, and accessibility considerations. Students learn about the global and Canadian impact of the print industry.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $664.99

★ CGCM 120 Graphic Communications Processes 1

Available only to students in Graphic Communications Management; Chang School students, not pursuing an Undergraduate degree, can contact with Chang School Client Services at ce@torontomu.ca for permission to enrol in this course.

This introductory lab-based course provides students with an experiential overview of the complete graphic communications process. Projects will explore concept and design, pre-media, printing, and binding and finishing. Projects include one and two-colour printing, such as business cards, labels, notepads, greeting cards, and design and production of related web pages, social media sites and other digital publishing options. Basic press functions and controls will be explored through the use of printing presses and press simulators. Basic bindery operations such as cutting and trimming are introduced. Students will use industry-standard tools and techniques to learn the importance of job planning, basic production workflows, and correction loops and will develop an appreciation of the requirements of each process.

39.0 Hours Fees: $704.99

★ CGCM 130 Design and Layout

Successful design involves more than meets the eye! Students learn how to interpret a design brief, how to work with a client to create a design that fulfills client specifications, and how to prepare a design that will adhere to output requirements. An emphasis is placed on solving problems in design, and the principles of design, including accessibility. The course introduces students to the principles of design, as practiced by graphic designers, advertising and marketing organizations, and members of the printing industries. Students learn how to communicate with designers, and the steps necessary to execute a successful design project from design briefs to fulfillment of client expectations.

39.0 Hours Fees: $684.99

★ CGCM 210 Consumer Packaging

This course covers the fundamentals of consumer product packaging, including package printing and manufacturing. Students develop an understanding of the many aspects that are needed to create successful packaging. Topics include functions of packaging, materials and printing processes used, end use and quality considerations, sustainability, as well as package manufacturing, optimization, logistics, and the role of converters. Legal and accessibility issues related to packaging are discussed.

39.0 Hours Fees: $664.99

★ CGCM 230 Typography

Prerequisite: CGCM 130

The course explores the relationships between type designers, type foundries, and end users. This course concentrates on typographic history and classification, as well as the creation, marketing, and use of typefaces in professional applications for both printed and non-printed output. Students also learn how typographic choices made by the designer can enhance or reduce the appeal and accessibility of a document. Editing and proofreading of documents is also emphasized.

39.0 Hours Fees: $684.99

★ CGCM 720 Magazine Production and Publishing

Prerequisites: CGCM 230

Print and digital technology are changing the nature of magazine publishing. This course explores magazine design as well as technical specifications for magazine production and distribution. Students will learn about the business, design, and manufacturing of magazines. With an emphasis on experiential learning, this project-focused class will culminate in students producing a short-run magazine.

39.0 Hours Fees: $704.99

★ CGCM 738 Photoshopped! The Art of Image Retouching

Adobe Photoshop is very powerful image manipulation software. Colours can be corrected or modified completely and image elements can be added and removed. With proper technique, a retouched image will not only look good on screen, but will stand up to the requirements of the intended output process. Various image manipulation techniques are explored in this course with a strong emphasis on non-destructive editing. Technical requirements are a focus. Students will learn the importance of working with others in the production process to ensure consistent and predictable retouching.

39.0 Hours Fees: $664.99

★ CGCM 740 Accessibility for Graphic Communications

This course introduces students to issues of accessibility affecting graphic communication pieces. Accessibility is increasingly important in the design, production, and distribution of print and non-printed graphic media. By improving accessibility, overall design and readability are often enhanced. Students will learn about legal and ethical responsibilities around legibility, and will analyze pieces of work for accessibility. Students will produce printed and non-printed pieces using current tools and guidelines for accessible documents.

39.0 Hours Fees: $664.99

★ CGCM 746 Sustainability in Print and Packaging

Environmental sustainability is an essential consideration in today's graphic communications environment where business and technology decisions must take into account legal, ethical, and technological issues influencing business strategies, materials, and processes. Roles of government, manufacturers, clients and end users are examined with consideration of total product life cycle. Design and technologies to reduce environmental impact of graphic communications products, including packaging, are explored. An evidence-based approach is emphasized throughout, and students critically analyze claims for greenwashing.

39.0 Hours Fees: $664.99

Media

★ CRTA 180 Music and Film

The use of music with film has evolved from early stereotyped borrowing of nineteenth century classical European repertoire to newly created scores that enhance and support the dramatic themes of the film. This course explores the relationship between music and film, the functions and effects of music, and how the music supports or plays against the visual images. Analysis of selected film genres will demonstrate how music can strengthen the film's dramatic themes. (Formerly MUS 110)

39.0 Hours Fees: $652.42

★ CRTA 941 Dramatic Writing

Prerequisite: CRTA 212

This course demystifies the process of writing for the screen and encourages students to find their unique dramatic voice by writing an original script. Students analyze principles of dramatic storytelling and current dramas at the script level. Using story editing exercises, students learn how to structure a story, build dramatic tension, and craft moving characters. By the end of the course, students develop an appreciation of the nature and purpose of drama.

Applicants who do not meet the listed admission requirements, and possess a combination of education and relevant experience may be considered on an individual basis.

Please contact Professor James Nadler to discuss a pre-requisite waiver.

39.0 Hours Fees: $652.42

Media Studies

★ CFPN 323 Sound Design for Digital Media I

Available only to students in Image Arts; Chang School students, not pursuing an Undergraduate degree, can contact Chang School Client Services (ce@torontomu.ca) for permission to enrol in this course.

This course builds a foundation in sound theory and audio technology while focusing on their applications within visual media. Students learn concepts relating to audio production and post-production, and through applied projects discover how to edit, augment, and manipulate sound to support intended meaning and narrative. The exploration of sound-image relationships is the basis for learning established practices and tools to bridge artistic intention and final outcome.

39.0 Hours Fees: $636.89

★ CFPN 501 Scenography I: Art Direction

Available only to students in Image Arts; Chang School students, not pursuing an Undergraduate degree, can contact Chang School Client Services (ce@torontomu.ca) for permission to enrol in this course.

This studio course addresses the visual world of film, video, immersive events, and staged/directorial photography by retrofitting locations to evoke fictional space. Script adaptations and analysis, character definition, set geography, visual and technical research, swatch palettes, technical drawing, and maquettes form the basis of project proposals that may complement concurrent production courses/thesis projects. Resource analysis, accounting, and time management as determining factors in design is emphasized, as well as key collaborative structures.

39.0 Hours Fees: $636.89

★ CFPN 502 Directing Screen Performance - Basic Principles

Available only to students in Image Arts; Chang School students, not pursuing an Undergraduate degree, can contact Chang School Client Services (ce@torontomu.ca) for permission to enrol in this course.

This course is based on the premise that the only way to learn how to direct actors is to learn about acting. Students participate in workshop acting exercises, improvisations, and discussions on the acting process as it relates to the rehearsal and shooting of dramatic films, from the point of view of actors and directors.

Certificate students may receive direct entry into this course. Please contact Chang School Client Services (ce@torontomu.ca) to get permission to enrol.

39.0 Hours Fees: $636.89

★ CFPN 534 Graphic Design

Available only to students in Image Arts; Chang School students, not pursuing an Undergraduate degree, can contact Chang School Client Services (ce@torontomu.ca) for permission to enrol in this course.

This is a course in two-dimensional design problems with an emphasis on typography and layout and their interaction with and within imagery. Exercises are given in artwork preparation for combination with type, graphic, and experimental design elements. The visual language of graphics is the principal focus of the course.

39.0 Hours Fees: $636.89

★ CFPN 535 User Experience Design

Available only to students in Image Arts; Chang School students, not pursuing an Undergraduate degree, can contact Chang School Client Services (ce@torontomu.ca) for permission to enrol in this course.

From a user experience design (UX) and human factors perspective, this course will allow advanced students to explore the new possibilities and challenges related to the design of user interaction for visual and virtual media. Through the construction of digital media objects, students will explore the physical, psychological, biomechanical, and anthropometric concerns involved in constructing intuitive, effective, and engaging experiences with digital media.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $636.89

★ CFPN 536 Media Business Practices

This course introduces general business practices including marketing, finance, accounting, statues, and regulations, particularly applicable to the successful operation of small media businesses. The emphasis is on identifying career goals and outlining the experiences required to attain the profession students seek. Students explore methods of marketing and self-promotional strategies practiced by professionals in the industry. Assignments provide the practical skills and necessary resources for the students to use in media businesses.

To find out more about your instructor, see the Photography instructor biographies

39.0 Hours Fees: $636.89

★ CFPN 541 Animation Practices

Available only to students in Image Arts; Chang School students, not pursuing an Undergraduate degree, can contact Chang School Client Services (ce@torontomu.ca) for permission to enrol in this course.

This course introduces students to techniques of animation in both 2D and 3D, analogue and digital. Modelling and animation topics covered include perspective, composition, movement, rhythm, timing, and imaging in two and three-dimensional space. Particular attention is paid to aesthetics and visual storytelling.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $636.89

★ CFPN 542 Design for Mobile Devices

Available only to students in Image Arts; Chang School students, not pursuing an Undergraduate degree, can contact Chang School Client Services (ce@torontomu.ca) for permission to enrol in this course.

This course introduces students to the fundamental concepts, techniques, and strategies of mobile app development for the purposes of producing digital artwork and creative applications. Assignments and in-class exercises work to expand student knowledge related to app-based multimedia, interaction, geo-location, sensors, APIs, and online distribution. Through readings and lectures, students also become familiar with the critical, theoretical, and historical debates surrounding software and mobile-based artwork.

39.0 Hours Fees: $636.89

★ CFPN 601 Scenography II - Production Design

Pre-requisite: CFPN 501

This studio course models the development of production concepts from script analysis, identifying time-space requirements and research methodologies, to visual proposals for the material culture of constructed realities, whether live/immersive events, film, video, or staged/directorial photography. Students create a full portfolio presentation: the scenographic concept, including character design, performance space, and all necessary properties, using renderings, technical drawing, maquettes, and storyboards. The portfolio will stress effective communication, combining aesthetic expression, spatial dexterity, and narrative logic.

39.0 Hours Fees: $636.89

★ CNPF 566 History of Animation

Prerequisite: CMPF 290 or enroled in the Digital Art Production Certificate; Available only to students in Image Arts; Chang School students, not pursuing an Undergraduate degree, can contact Chang School Client Services (ce@torontomu.ca) for permission to enrol in this course.

This course offers a wide-ranging panorama of the first 100 years of animation, drawing upon a variety of national traditions, production methods, and technological developments. The course examines competing imaginaries and production techniques. The course covers cel and digital animation, silhouette animation, puppetry, stop motion, rotoscoping, rotoshopping, computer-generated imaging, and motion capture. Students will be exposed to a variety of critical discourses in order to engage with the animated works introduced each week.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

Online Learning and Design

CDEL 200 PORTFOLIO

Fully online

Walking into a job interview is stressful enough – and with the added pressure of having to answer the standard "tell me about yourself" question in a way that will make you stand out from the crowd, it can feel completely overwhelming. That's why we developed PORTFOLIO, a fully online course that will help you express and showcase your personal brand to your future employer.

On completion of this six-week course, you'll be able to articulate your unique value and skill set with confidence and create powerful visual artifacts to help tell your story.

This course will help you show and tell employers:

- Who you are
- What you know
- How you can add value in a way that no one else can!

With six 90-minute synchronous classes, peer feedback, a one-on-one coaching session with the instructor, and tutorials for using visual crafting tools like Canva, PORTFOLIO is designed to help you develop the communication and design skills needed to drive a successful networking conversation or job interview. Learn how to leverage your personal experience – as well as the tangible skills you'll gain through this one-of-a-kind program – into finding, and winning, that dream job.

10.0 Hours Fees: $359.65

Photography

★ CDFP 322 Photography for Ad Agencies

Learn what an art director does so you can create value as a photographer. Find out what's expected of a photographer. Study layout, design, type, advertising photography, and the shoot process. Discover how art directors produce advertising in a variety of media – and then make ads yourself. Study estimating, casting, location scouting, logistics – what you need to know to create the shots required. Meet ad photographers and learn to build a creative business relationship. Equivalent to one Professionally Related elective in Image Arts from Table I (see Undergraduate Program Calendar). (Formerly Art Direction/Design Techniques.)

About the Instructor:

Daniel Ehrenworth is a commercial photographer and director based in Toronto, Montreal, and New York. He was born in Ottawa and received his BFA in photography studies from Toronto Metropolitan University, formerly Ryerson University. His commercial and editorial clients include Bloomberg Businessweek, Canada Goose, The Fader, Ford, Google, Hilton, Hyundai, Kia, Maynard's, Sick Kids Hospital, Sport Chek, Target, Tim Horton's, and The Verge to name a few. He has received numerous awards for his commercial work from the ADCC, American Photo, Applied Arts, Communication Arts, the D&AD, Luerzer's Archive, and the National Magazine Awards. Daniel also is a gallery artist, dad, video director, ex-food blogger, Muppet fan, and jube jube aficionado.Daniel is represented in Canada by Rodeo Production and in the USA by Tugboat.

https://danielehrenworth.com.

39.0 Hours Fees: $603.50

★ CDFP 328 Photography Production I

This course introduces students to the fundamentals of photographic and lens-based imaging. It includes operation of the hand camera and digital photographic practices, image processing and print production, and exploration of meaning through images in relationship. Short, topic-orientated production assignments with critiques will be given. (Equivalent to MPS 106.)

You must own or have access to an interchangeable lens digital camera and Adobe Lightroom for this course.

To find out more about your instructor, refer to the Instructor Profile Directory.

39.0 Hours Fees: $646.28

★ CDFP 329 Photography Production II

Prerequisite: CDFP 328

This course advances the development of core photographic concepts and skills learned in production. It includes an overview of camera systems, image production, and an understanding of fundamental studio lighting for portraits and still life. Through a series of assignments, students explore the nature and meaning of photographic images and discipline for self-directed work. (Equivalent to MPS 206.)

You must own or have access to an interchangeable lens digital camera and Adobe Lightroom for this course.

To find out more about your instructor, refer to the Instructor Profile Directory.

39.0 Hours Fees: $646.28

★ CDFP 333 Photography and Digital Imaging

An introduction to photographic technologies and concepts related to digital printing. Students will acquire skills related to a range of creative ideas about images, while gaining a basic understanding of the concepts of lens-based image-making. Emphasis will be placed on learning the core principles of photographic technology as well as fundamental visual skills for photographers. By the end of the course, students will have acquired a working knowledge of basic tools, capture, printing, and workflow. (Equivalent to MPS 107.)

You must own or have access to an interchangeable lens digital camera and Adobe Lightroom for this course.

To find out more about your instructor, refer to the Instructor Profile Directory.

39.0 Hours Fees: $661.92

✪ CDFP 353 From Still to Motion

The intention of this course is to introduce the concept of sequencing, editing, and movement in a photographic series. Students will explore the creation and development of narrative through a variety of assignments beginning from a small sequence of photographs, then photos with text, then the introduction of audio with photos in a slide show, and finally the introduction of video, resulting in deeper comprehension of narrative flow.

You must own or have access to an interchangeable lens digital camera and Adobe Lightroom for this course.

To find out more about your instructor, refer to the Instructor Profile Directory.

39.0 Hours Fees: $841.41

✪ CDFP 367 Photoshop for Photographers

A workshop course designed for the serious photographer wants to learn retouching and image enhancement techniques using Adobe Photoshop. Topics covered include techniques for skin retouching; adding sparkle to the eyes; careful use of the Liquefy Tool for slimming; balancing faces using selection and masking techniques; using layer blending modes; and compositing elements from different shots, as used in still life and fashion shooting, high dynamic range, panoramas, etc.

Students must have a working knowledge of Photoshop CS 3 or later versions.

To find out more about your instructor, refer to the Instructor Profile Directory.

39.0 Hours Fees: $889.59

★ CDFP 382 Advanced Portrait Photography

Prerequisites: CDFP 329

This workshop format course is for the serious amateur or aspiring professional portrait photographer. It is an advanced course concerned with an in-depth look at portrait photography. Emphasis will be on developing and refining your techniques in a variety of settings and lighting conditions. Projects will examine critical and aesthetic issues in portrait photography from singles to large groups, under studio and location settings. Both traditional and digital photography will be covered. Equivalent to one Professionally Related elective in Image Arts from Table I (See Undergraduate Program Calendar).

A prerequisite may be waived if the student has specific professional experience. Registered certificate program students who do not have the prerequisite and who wish to take this course must contact Chang School Client Services (ce@torontomu.ca) for more information.

Students must have a DSLR camera with lenses ranging from 35mm to 105mm, a light meter (if using film), and a radio slave unit or flash sync cord. Those shooting digitally should also bring their laptops to class.

To find out more about your instructor, refer to the Instructor Profile Directory.

39.0 Hours Fees: $683.84

★ CDFP 391 History of Photography I

Students will study the evolution of photography, from the early experiments with light sensitivity of silver salts to the establishment of portable photographic technologies. A historical overview of the medium's development from both technical and stylistic viewpoints will be examined. The course traces the development and positioning of the photographic medium within the context of modernist expression, from early attempts to contextualize photography as art, to the development of small format, handheld cameras. Cultural writings about photography will also be investigated, in relation to broader historical, theoretical, and political considerations. (Equivalent to MPS 301.)

To find out more about your instructor, refer to the Instructor Profile Directory.

39.0 Hours Fees: $588.90

★ CDFP 392 Documentary Photography

This workshop course is designed to introduce students to ideas and methods of producing documentary photographs and portfolios. The course includes instruction in practical techniques (effective metering, flash, etc.), as well as an exploration of the history and vocabulary of documentary photography. The goal is the production of a documentary portfolio (prints, books, or digital slide show ready for a professional venue). Equivalent to one Professionally Related elective in Image Arts from Table I (see Undergraduate Program Calendar).

Supplies to be purchased by the student: Suitable camera (any format), or access to one, and printing supplies.

To find out more about your instructor, refer to the Instructor Profile Directory.

39.0 Hours Fees: $667.02

✪ CDFP 404 Magazine/Editorial Photography

Prerequisites: CDFP 329

The successful magazine assignment requires research, human interest, and proficient execution. This course will concentrate on preparing and presenting the successful "People Magazine/National Geographic" style photo-story. Just "being there" photos are no longer an option for today's sophisticated magazines and their readers. Images and word descriptions of people, places, and/or events must be compelling, communicative, articulate, and artistic. Additional techniques will include people and candid photo skills, enhanced composition, and sales promotion to world-wide magazines.

A prerequisite may be waived if the student has specific professional experience. Registered certificate program students who do not have the prerequisites and who wish to take this course must contact Chang School Client Services (ce@torontomu.ca) for more information.

Students must have an interchangeable lens digital camera.

To find out more about your instructor, refer to the Instructor Profile Directory.

39.0 Hours Fees: $973.08

✪ CDFP 905 Contemporary Photographic Art

Through lecture presentations, gallery visits, artists' talks, readings, discussions, and assignments, the history, theory, and production of photography as an art form will be explored. The major approaches to 20th and 21st century photographic art, and their corresponding theoretical bases and cultural contexts, will be examined. Throughout the course, students will develop their own photographic art projects with the goal of producing coherent bodies of work for exhibition.

To find out more about your instructor, refer to the Instructor Profile Directory.

39.0 Hours Fees: $841.41

Public Relations

NEW!

✪ CDPR 200 Public Relations Foundations

This course introduces students to foundational theories and principles underlying the broadly defined practice of public relations. Students explore various practice areas and organizational settings in which public relations professionals apply their skills to add value, depending on context. Areas of practice include corporate social responsibility, government relations, crisis management, and investor relations. Basic elements of communication planning, implementation, and evaluation are introduced.

39.0 Hours Fees: $942.12

✪ CDPR 204 Planning, Programming and Budgeting

Requisites; CDPR 200

This course will explore the management of public relations and communication programs within organizations. Topics include identifying and setting strategy, creating and executing effective public relations projects, and the foundations of budgeting.

39.0 Hours Fees: $942.12

✪ CDPR 205 Communications Research and Campaign ROI

Requisites: CDPR 200

Communications professionals continually need to capture, and effectively communicate, "Return on Investment" of their work outputs to organizational leaders. This course provides an opportunity for students to apply techniques of research and evaluation to public relations issues, learning both qualitative and quantitative strategies for public relations practice. Working both individually and in small groups, students will conduct a systematic secondary research report and a primary research report; learn to create and apply online metrics platforms; and conduct an evaluation of a public relations campaign.

39.0 Hours Fees: $942.12

✪ CDPR 206 Media Relations

Requisites; CDPR 200;

This course will provide students with strategies and tactics to develop and deliver effective media relations activities, including relationship building, media planning, media training, and interviews, along with supporting materials such as media releases, media kits, media conferences, and Q&As.

39.0 Hours Fees: $942.12

✪ CDPR 208 Social Media in Public Relations

Requisites; CDPR 200

This course will explore the impact of social media on the role of the public relations practitioner. It will identify and review in detail principles for effective engagement with stakeholders and customers, using core social media tools for listening, messaging, relationship building, and participating in social networks and other online communities.

39.0 Hours Fees: $942.12

✪ CDPR 210 Reputation Management

Requisites; CDPR 200

A strong and lasting reputation is an organization's most important attribute. Establishing and enhancing this intangible asset is a complex and intensive process. This course will examine the role of the public relations practitioner in building, enhancing, and managing an organization's reputation.

19.5 Hours Fees: $550.77

✪ CDPR 211 Strategic Storytelling

The course introduces the strategies and basic concepts of effective public relations writing, including the use of a variety of communications tools used in public relations programs. Emphasis will be on understanding the principles of lean writing and applying them to the preparation of a media kit for use in a news conference. Major components – including key messages, news and feature media releases, pitch letters and fact sheets, speeches, and biographies – culminate in the presentation of the completed media kit.

39.0 Hours Fees: $942.12

✪ CDPR 213 Internal Communications Management

Requisites; CDPR 200

This course will explore the theory and practice of the key PR function of internal communications management. A discussion of the management and planning of internal communications, the politics of organizations and needs of employees, together with practical applications of traditional and social media, will provide students with the tools to advise senior management and effectively deal with internal audiences.

19.5 Hours Fees: $550.77

✪ CDPR 216 Public Relations Ethics

Requisites; CDPR 200

This course provides an opportunity for students to examine, evaluate, and apply a variety of ethical decision-making models for public relations practice. Working both individually and in small groups, students will review ethical frameworks and public relations societies standards through the investigation of public relations cases which raise ethical issues. Emphasis will be placed on the application of ethics in the practice of public relations.

19.5 Hours Fees: $550.77

✪ CDPR 217 Crisis Communication

Requisites; CDPR 200

This course will examine best-practices in crisis communication, a fundamental and increasingly important part of public relations practice that involves rapid execution and the potential use of a wide range of public relations tactics to protect and sustain an organization's reputation and its ability to function. Pragmatic, workable strategies will provide students with the background they need to recognize a crisis situation, select the correct strategies and execute them using the appropriate teams and tactics.

19.5 Hours Fees: $550.77

✪ CDPR 300 Public Relations Capstone

Department Consent Required

This course will provide learners with an opportunity to apply the knowledge and skills gained throughout the certificate to an actual public relations challenge. Students who work in public relations are expected to submit a program or project report, including an assessment of their work based on best practices. An Experiential Learning Coordinator will help match students who do not already work in the field with a suitable employer partner. Students who, because of employment or other sufficient reasons, are unable to submit an experiential-based program or project report may receive the required academic credit by completing a major paper.

39.0 Hours Fees: $942.12

Publishing

✪ CDPB 100 Publishing Overview: Trade

This course provides an overview of trade publishing in Canada: the historical context; the players – publishers, authors, agents, distributors, the wholesale network, bookstores, and online retailers; the processes – acquisitions, editing, production, marketing, sales; the importance of list building and backlist, and the challenges faced by publishers today. The course provides a robust base of knowledge about the industry, preparing you for skills based training for a career in publishing.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

This course is offered in the Spring/Summer term as part of 'Publishing Intensive' (CDPB 999).

39.0 Hours Fees: $932.51

✪ CDPB 101 The Business of Book Publishing

Prerequisite: CDPB 100 or CDPB 200

This course is designed for non-financial people who are interested in the financial and management aspects of publishing. Specific topics include strategic planning and business management; understanding financial statements, budgeting, and forecasting; the decision to publish; sales, promotion, and distribution; contracts, copyright, subsidiary rights, and legal concerns; program planning, co-publishing, and packaging; and human resources considerations.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $932.51

✪ CDPB 102 Copy and Stylistic Editing I

This course focuses on copy-editing fundamentals – consistency, correctness, and clarity – and introduces stylistic editing. It teaches editorial skills applicable to any area of publishing, including books, reports, educational materials, and online texts. Topics include the copy editor's role within the editorial process; house style and style sheets; spelling, grammar, punctuation, and usage; common stylistic issues; inclusive language; the author-editor relationship; libel and copyright; documentation basics; manuscript preparation; and preparing to enter the job market.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

This course is offered in the Spring/Summer term as part of 'Publishing Intensive' (CDPB 999).

39.0 Hours Fees: $932.51

✪ CDPB 103 Production for Books, Journals, and Reports

This course is for individuals who are interested in the integral part production plays in the publishing process. Topics include print production management; the relationship between production, editorial, and marketing; the publishing team's structure and roles; project management and quality assurance of photography, illustration, and design; typography; prepress, proofing, paper, and printing processes (including digital printing); bindery processes; Internet applications related to print production; dealing with freelancers and suppliers; budgeting and scheduling; and emerging technologies. On successful completion of this course, the student will be familiar with an overview of the entire production process, concepts, products, and procedures for each aspect of print production, relationships within the publishing company and outside with the graphics community at large, and resources for further self-directed learning. The student will also be better prepared to manage print-related initiatives in all aspects of the publishing enterprise.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Students are strongly recommended to take CDPB 100 or CDPB 200 before taking this course.

This course is offered in the Spring/Summer term as part of 'Publishing Intensive' (CDPB 999)

39.0 Hours Fees: $932.51

✪ CDPB 104 Publishing Overview: Trade

This course provides an overview of trade publishing in Canada: the historical context; the players – publishers, authors, agents, distributors, the wholesale network, bookstores, and online retailers; the processes – acquisitions, editing, production, marketing, sales; the importance of list building and backlist, and the challenges faced by publishers today. The course provides a robust base of knowledge about the industry, preparing you for skills based training for a career in publishing.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.To enter CDPB 102, ideally you will score 80 or higher on this Diagnostic Grammar Test (Word document). This is a self-administered test to help you determine whether you should take Practical Grammar and Punctuation (CDPB 312) first.

This is a closed-book test. Give yourself 30-45 minutes to complete it. Once you have completed the test, please see the Diagnostic Grammar Test Marking Sheet for solutions.

If you score between 70 and 80 and decide to proceed directly into Copy and Stylistic Editing I, please review grammar basics (see *Practical Grammar* by Maxine Ruvinsky). Under 70: We highly recommend that you take Practical Grammar and Punctuation (CDPB 312) before tackling CDPB 102.

Note: This course is offered in the Spring/Summer term as part of 'Publishing Intensive' (CDPB 999).

39.0 Hours Fees: $932.51

✪ CDPB 104 Introduction to Book Design

This course introduces the fundamentals of book design and current practices. Specific topics include designing for different readerships, matching visual structure to editorial structure, design needs of text-only and illustrated books, typesetting and legibility best practices, designing effective covers for print, ebooks and audiobooks, and workflow and cost considerations. All assignments are completed in Adobe InDesign; it is strongly recommended that learners complete CDPB 212 or have a basic understanding of InDesign before taking this course.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

All course assignments will be completed in Adobe InDesign. It is strongly recommended that students complete CDPB 212 or have equivalent Adobe Suite software (Illustrator, InDesign, and Photoshop) experience prior to taking this course.

39.0 Hours Fees: $932.51

✪ CDPB 105 Sales and Marketing for Book Publishers

This course presents Canadian publishing through the lens of sales and marketing. Specific topics include the sales cycle, sell-in, conferences, creating goals, differentiating between accounts, current methods of targeting and researching an audience, and using industry tools like BookNet Canada. You'll learn book marketing techniques like how to write catalogue copy, social media strategies, and how to create a campaign. This course prepares you for a career as a sales and marketing professional in publishing.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $932.51

✪ CDPB 110 Publicity for Book Publishers

Generating publicity for a book and author plays a key role in a publisher's overall marketing plan. The quality of publicity can determine whether a book succeeds or not. In today's publishing world, creative publicity counts; the competition for people's attention is fierce. This course looks at the many types of book publicity practised today. These include author media appearances, special events, tours, and a growing number of online initiatives. We will discuss campaigns, trade shows, and the need to position clearly the book and author. Students will look at case studies, undertake research, and create media kit materials. The course will also introduce the related field of public relations, which includes developing a publisher profile, improving brand awareness, involvement in the community, and occasionally a little crisis control.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

This course is offered in the Spring/Summer term as part of 'Publishing Intensive' (CDPB 999).

39.0 Hours Fees: $932.51

✪ CDPB 200 Publishing Overview: Education

This course presents an overview of publishing in the following areas: elementary and high schools; colleges and universities; scholarly, legal, professional, business, and reference publishing. Students are expected to gain an understanding of the structure of these areas of the industry, who the publishers are, what they produce (from books to CD-ROMs to material delivered via the Internet), how they produce their products, who constitutes the market in the various areas, and how the publishers reach those markets.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

This course is offered in the Spring/Summer term as part of 'Publishing Intensive' (CDPB 999).

39.0 Hours Fees: $932.51

✪ CDPB 201 Literary Rights Management

Prerequisite: CDPB 100 or CDPB 200

This course provides an in-depth introduction to literary rights management – from building a list of authors to negotiating the rights to novels and non-fiction works – from the perspective of a rights manager or literary agent. Topics include subsidiary rights such as film, television, and translation rights, working with subagents and literary scouts, the differences between selling rights for adult and children's books, and how to make the most of international fairs.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Students with equivalent experience may be admitted by the permission of the coordinators.

39.0 Hours Fees: $887.91

✪ CDPB 202 Substantive and Stylistic Editing

Prerequisite: CDPB 102

This course focuses on the improvement of book-length manuscripts for publication. Emphasis is on the techniques and best practices for editing nonfiction and literary fiction, but a full range of editorial topics will be covered, including editorial roles and skill sets; evaluating and acquiring manuscripts; the editor-author relationship; editing for digital media; stylistic editing for different genres; freelance and in-house expectations; and the editor's role in other aspects of the publishing workflow.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Students with experience in editing may be admitted by permission of the coordinators.

39.0 Hours Fees: $932.51

✪ CDPB 212 Visual Skills for Publishing

Visual literacy is the ability to interpret elements of design and understand how they are used in specific contexts, but visual skills must be honed if we are to become visually literate. This course addresses the integral role of visual communication in all aspects of publishing. Topics include the history of photography; image research and editing; permissions; editing and design of tables, graphs, diagrams, and maps; editorial-design and marketing-design interaction; technology and typography fundamentals; and effective print and web design.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

This course is offered in a Mac computer lab on campus or online. Although instruction in Adobe Illustrator, InDesign, and Photoshop will be provided, to complete the work successfully students who are completely unfamiliar with these programs must be prepared to spend time outside class mastering basic techniques through online tutorials.

This course is also offered in the Spring/Summer term as part of 'Publishing Intensive' (CDPB 999).

39.0 Hours Fees: $932.51

✪ CDPB 222 Copy and Stylistic Editing II

Prerequisite: CDPB 102

This course explores advanced copy-editing concepts, with a special emphasis on stylistic (line) editing. It's designed for students who have completed Copy and Stylistic Editing I, and for editors who want to enhance their skills. Topics include understanding the differences between copy and stylistic editing; respecting the author's voice; adjusting language and reading level to suit the intended audience; editing figures and tables; and learning to clarify meaning, improve readability, and polish prose.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $932.51

✪ CDPB 280 Audiobook Publishing and Production

Digital audiobooks are the fastest-growing sector in book publishing, offering new opportunities for innovative storytelling and reader accessibility, and additional income stream for publishers. This course offers a comprehensive introduction to the audiobook industry from the perspective of the producer, publisher, and retailer. Students will learn the process of audiobook publishing from start to finish. Topics include pre-production, production, and post-production workflows and best practices, a range of new technology, and industry-specific careers and opportunities.

19.5 Hours Fees: $524.55

✪ CDPB 285 Accessible Publishing and Production

Accessibility in digital publishing is now standard in the industry. It means publishing for all readers, including readers with disabilities. By considering the accessible reading experience from all angles, this course offers training in inclusive design, assistive technologies, image descriptions, and the evaluation of accessible content. Students will learn how accessibility is being integrated into all aspects of publishing, from editing to production and marketing, and how to be an effective accessibility lead.

19.5 Hours Fees: $524.55

✪ CDPB 300 Children's Classics in the 21st C

This course focuses on children's classics: how to think creatively to keep them in print in the twenty-first century, from nursery rhymes and fairy tales to chapter books, comics, and young adult fiction. Topics will include updated designs, creating new anthologies, mining a publisher's backlist, publicity and marketing, tie-in editions with adaptations for other media, copyright regulations, abridgements and reboots, supplementary texts, and shifting notions of censorship and age-appropriateness.

19.5 Hours Fees: $524.55

✪ CDPB 301 Publishing for Children

This course is designed for those who are interested in the particular considerations of publishing books for children. Through a combination of lectures, class discussion, and assignments, the following aspects are covered: different kinds of children's books, from board books to novels;

working with authors and illustrators; the special design and production requirements of children's books; marketing books for young people; and issues such as censorship and sexism.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

19.5 Hours Fees: $524.55

✪ CDPB 302 Government Reports

Prerequisite: CDPB 102

This course examines the particular problems involved in the preparation and publishing of government and other reports. The approach taken is one of project management, and the skills taught are applicable to many settings. The specific topics covered include working with inexperienced writers; committees as authors and editors; explaining the production process and timetable; establishing editorial, design, and production timetables within strict deadlines; simultaneous publication in English and French; and specific requirements, including documentation and confidentiality.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Students with experience in editing may be admitted by permission of the coordinators.

19.5 Hours Fees: $524.55

✪ CDPB 304 Scholarly and Reference Publishing

Prerequisite: CDPB 102

This course provides a detailed examination of the publishing process for scholarly and reference books. Discussion focuses on the stages of publishing, including acquisition (proposal evaluation and developmental editing), editing (substantive and copy editing), production, and marketing of scholarly books. The central concerns of the editorial and marketing departments are explored at each stage, with attention to the ways in which the scholarly publishing industry differs from the trade and educational publishing industries. Other topics covered include the peer review process; budgeting for and funding of scholarly books; scholarly journals; CD-ROMs and reference books; and electronic publishing. Homework and assignments involve specific editorial skills related to scholarly and reference publishing (treatment of illustrations, tables and figures, notes, bibliographies, indexes).

Students with experience in editing may be admitted by permission of the coordinators.

This course will run during the Winter break.

19.5 Hours Fees: $524.55

✪ CDPB 306 Trade Books: Fiction

This course examines the publishing of fiction. Specific topics examined are working with creative writers; particular problems of novels, short stories, or collections; genre editing; and formula fiction. The course provides hands-on experience in how to evaluate problems in fiction manuscripts and the various types of editing (structural, stylistic, copy) they require. It focuses on problems that are specific to fiction, such as dialogue, setting, and character development.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

19.5 Hours Fees: $524.55

✪ CDPB 309 Editing Books for Children and Teens

Prerequisite: CDPB 100 or CDPB 102 or CDPB 200 or CDPB 301

This course is for those interested in editing books for young readers, from toddlers to teenagers. Topics include acquisitions of children's and YA (young adults') books; substantive editing and stylistic editing for picture books, novels, and non-fiction; author-editor relationships; and the particular considerations of editing books for developing readers.

Students with experience in editing and/or within the children's book industry may be admitted by permission of the coordinators.

19.5 Hours Fees: $524.55

✪ CDPB 310 Proofreading for Books, Journals, and Reports

Prerequisite: CDPB 102

This course will present the knowledge and skills needed for the proofreading of typeset material, with additional attention to proofreading electronically published texts. It will be of interest to those involved in the editorial process, layout, and management of the production process. Subjects will include principles and vocabulary of typography and layout; tools and reference materials; copy-to-copy and 'cold' proofreading methods; editorial responsibilities; evaluation of typesetting practice, including word breaks, spacing, and balance; proofreading of illustrations, figures, tables, and maps; preliminary pages, headers and footers, folios, and documentation; colour checking; second and subsequent proofs; printers' proofs; and on-screen proofreading methods.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Students with experience in copy editing may be admitted by permission of the coordinators.

This course will run during the Winter break.

19.5 Hours Fees: $524.55

✪ CDPB 311 Indexing for Books, Journals, and Reports

Prerequisite: CDPB 102

This course is for anyone going into publishing of non-fiction books, journals, or reports, or those already working in publishing who wish to add to their skill set. The focus will be on back-of-the-book indexing with additional application to journals, reports, and websites. Specific topics include general principles of indexing; kinds of indexes and their parts; the mechanics of indexing and indexing software; alphabetizing; punctuation; names and titles of publications in an index; editing an index; and the business of freelance indexing. Although the emphasis is placed on the practical craft of indexing, the art of an elegant index will also be addressed.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Students with experience in editing may be admitted by permission of the coordinators.

Material Fee: Students may be required to purchase student versions of indexing software.

This course will run during the Fall and Winter breaks.

19.5 Hours Fees: $524.55

✪ CDPB 312 Practical Grammar and Punctuation

This course demystifies subjects that many people today find daunting. It is aimed at native English speakers who feel they write competently but who wish to improve their understanding of grammar and punctuation, either for their own writing or in preparation to study editing. It will focus on building a useful vocabulary of language terms; identifying types of words (parts of speech) and their function in a sentence; studying groups of words (phrases and clauses), how they interrelate, and how punctuation illuminates these relationships; reviewing the roles of punctuation marks; applying punctuation principles to create clear, grammatical sentences; and understanding the evolving nature of "correct" English. If English is your first language and you would like to feel more confident in your writing skills, this course will interest you.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $932.51

✪ CDPB 313 Mktg Books for Children and Teens

This course will introduce the broad scope of marketing avenues for children's books in Canada, including traditional media, social media, and online strategies. Students will analyze the challenges of the children's publishing sector by close examination of recent case studies and marketing campaigns. Specific topics include market research, managing the marketing budget, author interviews and tours, targeting reviews, how to write a press release and other promotional copy, and working as a sales representative.

19.5 Hours Fees: $524.55

✪ CDPB 314 Legal Publishing

This course provides a framework for anyone considering a career in legal publishing. Students will learn how legal professionals are trained, the publications they use, and the publishers that deliver them. Once legal professionals are in practice, legal publishers continue to provide products and services, ranging from print and e-books to online databases. A focus will be put on the impact of technological innovation and how the industry is adapting to find growth opportunities.

19.5 Hours Fees: $524.55

NEW!

✪ CDPB 315 Editing Recipes and Cookbooks

This course examines the principles of cookbook editing, with a focus on editing recipes to ensure successful results. It explores the parts of a cookbook, as well as recipe structure, terminology, ingredient lists, methods, headnotes, yields, and special features. Authorial voice and editing for the readership are also addressed. In addition, students will learn strategies for creating effective editorial correspondence and a record of style decisions to ensure coherency throughout.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

19.5 Hours Fees: $524.55

✪ CDPB 803 Digital Publishing and Production

Digital publishing and production is an ever-changing and integral area of the publishing industry. This course addresses the relevant technologies, workflows, and formats encompassing digital publishing. Topics include ebook formats, digital workflow, markup languages and associated technologies, digital publishing tools and processes, digital asset management, specifications, and metadata.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

To successfully complete the coursework, you must have access to a computer running a Mac or PC/Windows operating system. A Chromebook or tablet does not have the software and tools required to complete assignments.

To succeed in this course, you must know the fundamentals of computer use:creation and use of file folders; copying and deleting files; cutting and pasting; downloading files from D 2L Brightspace, email, or a website; and browser use. If you do not have these computer skills, it is strongly recommended that you take Production for Books, Journals, and Reports (CDPB 103) and/or Visual Skills for Publishing (CDPB 212) before tackling this course.

39.0 Hours Fees: $932.51

DESIGN AND ARCHITECTURE

Architectural Science

✪ CKAR 205 Building Codes and Regulations

An advanced course on codes and regulations governing planning, design, and construction in Canada. Municipal planning by-laws, the Ontario/ National Building Codes, standards, and other regulatory documents will be examined in detail. The application process in obtaining permits and approvals for development will also be examined. Students will be expected to complete a code analysis of a small building.

This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $1081.04

✪ CKAR 215 Computer-Aided Architectural Drawing

An introductory/intermediate lecture/laboratory course in architectural drafting and technical drawing utilizing AutoCAD (a computer-aided drafting system). Students will also be given an introduction to basic computer operations (MS Windows), and will be expected to complete a partial set of architectural working drawings.

39.0 Hours Fees: $1081.04

✪ CKAR 310 Materials and Methods

This course introduces the methods and materials of building construction with an examination of construction systems and components including: foundations, walls, floors, roofs, doors and windows, and finishes. Materials of construction are introduced and placed into the context of the interconnected systems that make up buildings.

39.0 Hours Fees: $1081.04

✪ CKAR 500 Sustainable Buildings

Prerequisite:CKAR 310

The built environment has a substantial impact on the environment, specifically on energy and material resources. This overview course examines the sustainable development of buildings by examining how building process, materials, methods, components, and systems affect the environment and how designers such as architects and engineers have alternatives to affect a smaller environmental footprint. The course will include case studies and may include a field trip and/or guest speakers.

39.0 Hours Fees: $1081.04

✪ CKAR 601 Building Science for Architectural Preservation and Conservation

An intermediate level course in building science examining the biological, chemical, and physical properties of the envelope and components of building structures as impacted by the internal and external environments. The proper material selection and methods of assembly of building envelope and components for durability, sustainability, and serviceability will also be investigated.

39.0 Hours Fees: $1081.04

✪ CKAR 785 Building Info Modelling (REVIT)

This course is an introductory/intermediate course, training BIM users through the basic procedures of designing an integrated building model. Topics include project creation, navigation and display concepts, designing with components, working with levels, creating and editing walls, adding doors and windows, creating floor and roof objects, working with view properties, object styles, loading and modifying family components, adding dimensions and annotations, adding and modifying drawing sheets, and plotting procedures.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis. Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $1081.04

Design Management

★ CDDM 102 Design Management II

This course continues the study of design management and the role of the design manager. It explores strategies for leveraging the skills of designers in various industry sectors. Topics include integrating the design function with business strategy, applying user-centred design to achieve organizational goals, design's critical role in innovation, technology in design, and effective project management. (Equivalent to one Professional elective from Table I, see Interior Design program in Undergraduate Program Calendar.)

39.0 Hours Fees: $611.86

★ CDDM 103 Design Management Project

Department Consent Required

This independent research course allows students to integrate, apply, and reflect back on the knowledge insights gained throughout the Design Management program. Students choose a research topic in consultation with the course instructor. Research topics should relate to aspects of design management explored in the program and might include design for competitiveness, socially responsible design, design's role in mitigating negative environmental impacts, or design innovation in an organizational context.

39.0 Hours Fees: $777.09

Interior Design

✪ CDID 150 Design Theory

This is an introductory course that focuses on the multiple disciplines and concepts that impact the foundation of design at both a micro and macro level. Students will be introduced to the basic elements and principles that demonstrate visual organization and provide the tools for analyzing and synthesizing the application of design. This course will provide the theoretical underpinnings that allow students to creatively apply knowledge to both two- and three-dimensional design assignments and projects. In addition, the course may include field trips, collaborative and individual assignments, and in-class studio/lab work.

Supplies and materials to be purchased by the student: A list of supplies and materials required will be given to students after the first class.

39.0 Hours Fees: $914.01

✪ CDID 151 Interior Design I: Drafting

Prerequisite: CDID 150

The first of a series of courses providing an introduction to four primary performance objectives which relate to drafting, planning and research, professional ethics, and the sensory environment. The focus of this course is visual communication to provide the student with a foundation in manual drafting practices through a series of drawing exercises relating to small scale residential interior spaces. CDID 151, combined with CDID 152, CDID 251, and CDID 252, is equivalent to IRN 100 and IRN 200.

Supplies and materials to be purchased by the student: A list of materials and equipment required will be given to students after the first class. Cost approximately $200-$225.

39.0 Hours Fees: $601.42

✪ CDID 152 Interior Design I: Space Planning

Prerequisite: CDID 151

This course introduces the analytic and problem-solving skills relating to space planning of small-scale residential interior spaces and sequences that function effectively for people using them. Visual communication using manual drafting practices learned in CDID 151 is applied to interior design studio exercises. CDID 151, combined with CDID 152, CDID 251, and CDID 252, is equivalent to IRN 100 and IRN 200.

Supplies and materials to be purchased by the student: Students are expected to have all the required equipment from previous prerequisite courses. Additional supplies and materials are required. Cost approximately $200.

39.0 Hours Fees: $601.42

✪ CDID 153 Interior Materials and Finishes

Prerequisite: CDID 150

"Interior Finishing" introduces the principles, regulations, standards, systems, materials, and details of standard residential and commercial floor, wall and ceiling surface treatments, millwork and textiles, and the finishes applied to them. Fire rating, VOC (volatile organic compound) emissions, and sustainable design are introduced.

39.0 Hours Fees: $832.81

✪ CDID 157 Kitchen and Bathroom Design

Prerequisite: CDID 151

Kitchens and baths are essential to everyday living; they need to be designed so that they function as well as they look. Students will explore the specific requirements associated with kitchen and bath design. With an emphasis on the design process, this course covers the design of efficient and aesthetic kitchens and baths, including space considerations, equipment, current trends in materials, as well as human factors.

Note: It is recommended that CIRC 113 be completed before enroling in this course

39.0 Hours Fees: $820.04

★ CDID 170 Drafting for Entertainment

Students will be introduced to the basic elements of drafting and its practical application to describing scenographic space, including: theatre, film, television, new media and site-specific installations, staged photography, and virtual scenery. Special attention will be given to the similarities and differences of staging between the media, with consideration given to sightlines and POV, safety and ergonomics, and special scenic effects. Plans, direct elevations, elevations, sections, isometric drawings, and storyboards will be explained and practiced. This course will enable students to describe their design interpretations in CFPN 501 and CFPN 601. (Equivalent to one Professional elective from Table I, see Undergraduate Program Calendar.)

39.0 Hours Fees: $601.42

NEW!

✪ CDID 500 Fundamentals in Lighting

This course has been developed to give a useful synopsis of basic lighting principles. Understanding the quality of light through the investigation of best design practices and manufacturing techniques of illumination engineering and science available. Some of the areas include colour and colorimetry, energy efficiencies, glare control, photometry, units of lighting measurement, and calculations. Students gain a fundamental knowledge of technical information sufficient to understand essentials of lighting design.

39.0 Hours Fees: $820.04

NEW!

✪ CDID 505 Lighting Photometric Software

In this professional practice course, lectures and interactive design challenges will be presented to allow for investigation into lighting photometric calculation software and other digital analysis tools. This course will teach the technical aspects of using AGI 32 to generate lighting calculations and 3D visualizations while introducing AutoCAD as a basic computer-aided software to use as a reference for the lighting design approach.

39.0 Hours Fees: $913.78

NEW!

✪ CDID 520 Lighting Controls & Energy Management

Prerequisite: CDID 500 OR CDID 501

This course studies the relationship that has existed between the building control systems and the various lighting types and techniques that implement them. Using case studies and assignments, students will learn and evaluate the varying systems and protocols to get a better understanding of the relationship between the lighting design process and control specifications. As the industry evolves, luminaires and control system will play an even bigger role in how we utilize and regulate the architectural space.

39.0 Hours Fees: $820.04

NEW!

✪ CDID 540 Daylighting Design & Techniques

Prerequisite: CDID 505

The course covers daylight availability, delivery systems, computations, and application of prediction models. Understanding the techniques of bring quality daylight into interior spaces by looking at a variety of applications and methods that include visual performance, sun path analysis, thermal loads and energy, shading systems. The concept of daylighting design will be introduced, and students will calculate and evaluate the quality of daylight in the built environment.

39.0 Hours Fees: $820.04

✪ CDID 553 Lighting Design Practicum

Prerequisites: CDID 500, CDID 505,CDID 520, CDID 540 and CDID 560

This course is an advanced-level course which stresses individual study, self-motivation, the skills required to research information, oral and written presentation, and client communication skills. Students work with the guidance of a recognized Canadian or international lighting designer on a significant project or projects.

39.0 Hours Fees: $1102.87

NEW!

✪ CDID 560 Intermediate Lighting Design

Prerequisites: (CDID 500 or CDID 501) and CDID 505

This course is a studio base structure where students will develop an architectural lighting design that addresses the lighting design process. Emphasis is placed on comprehensive, practical solutions to design, budget, energy, and systems integration. Further review and integration of lighting which are more challenging to quantify, such as colour, form, space, plane, rhythm, balance, and texture will build the students knowledge as it is applied to their projects. Students will get access to industry professionals to discuss the lighting design process and gain a better insight to this multifaceted industry.

39.0 Hours Fees: $820.04

★ CIRC 112 Introduction to Digital Communication

Prerequisite: CIRC 113

Students are introduced to graphic computer applications used in the interior design profession and allied creative disciplines, including 2D-drafting, basic 3D-modeling, vector drawing, and raster image processing, producing in the end an integrated workflow.

39.0 Hours Fees: $607.68

★ CIRC 113 Introduction to Visual Communication

Visual communication is introduced using the foundations of orthographic drawing with manual drafting skills in addition to various media. These techniques support abstract and technical concepts as a means to think rigorously about communicating through drawing.

39.0 Hours Fees: $607.68

☆ CIRL 100 Intro to World Art I: Pictorial Arts

Not available to students in Architecture, Fashion, Image Arts, Interior Design or New Media programs.

This is an introduction to the study of art history from a cross-cultural perspective. The function of the pictorial arts (principally painting and sculpture) within religious, social, and economic systems will be the primary focus of study. Students will be introduced to the diversity of artistic expression from across the globe and throughout history while they learn the fundamental principles and aims of pictorial expression and formal analysis.

39.0 Hours Fees: $590.98

☆ CIRL 500 Modern and Contemporary Art, Design

Introduction to modern art and design from 19th century avant-garde to the present. Students will learn about art, architecture and design in a period that has witnessed extraordinary changes in concepts and practices and the fundamental changes in the roles of institutions, individuals, and audiences that support them. Students will explore the ways content, media, and definitions of art and design reflect the circumstances of their production and conditions that have endured throughout the period.

39.0 Hours Fees: $590.98

Landscape Design

✪ CKLA 310 Landscape Construction, Materials and Methods

The purpose of this course is to understand and investigate the origins, characteristics, and design applications and methodologies used in landscape construction. The process of designing, selecting, pricing, sourcing, constructing, and maintaining hard and soft landscape materials are discussed. Life cycle and sustainability of material selection is woven into the course content.

This course will run during the Fall break.

Includes two Saturday or Sunday field sessions of three hours to visit landscape sites. Dates and times to be announced by the instructors.

39.0 Hours Fees: $1035.83

✪ CKLA 320 Plant Materials

This course presents and evaluates deciduous and evergreen woody plant materials as basic structural design elements of the landscape. It covers introduced species as well as those native to Canada. Students will become familiar with the range of landscape applications for the species covered, as well as the relationship between their autecology and site selection.

This course will run during the Winter break.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Includes two Saturday or Sunday field sessions of three hours to visit landscape sites. Dates and times to be announced by the instructors.

39.0 Hours Fees: $1035.83

✪ CKLA 330 Landscape Design Studio

This course deals with the application of landscape design theory in the development of landscapes based on site analysis and program criteria. This studio course will focus on the student's individual exploration of the process of design development and problem solving as a means of preparing creative landscape solutions for a medium scale urban site.

39.0 Hours Fees: $1035.83

✪ CKLA 400 Ecology and Sustainable Landscapes

This course examines the fundamental concepts and principles of ecology as a basis for sustainable landscapes. Ecosystem structure, processes, dynamics, and resilience are considered as a basis for facilitating the design and management of landscapes in a variety of land-use scenarios, particularly in urban regional environments. Sustainable land-use practices based upon ecological resilience are investigated. Several ecological frameworks for sustainable landscape design and management including Adaptive Management and Collective Action are presented and analyzed.

The on-campus session includes two Saturday or Sunday field sessions of three hours to visit landscape sites. Dates and times to be announced by the instructors.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $1035.83

✪ CKLA 420 Art and Management of Planting Design

Perennial, grasses, and wildflower plant materials continue to be recognized as significant components of a successful landscape planting design. This course focuses on plant identification, planting combinations, and design compositions using native and exotic materials available in Southern Ontario.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $1035.83

✪ CKLA 450 Landscape Restoration

The purpose of this course is to develop an understanding of the basic principles involved in designing and implementing a restoration plan for a disturbed site with an emphasis on naturalization. Participants will receive basic instruction in site assessment, developing restoration objectives, implementation, and monitoring.

39.0 Hours Fees: $1035.83

HEALTH AND SCIENCES

Biology

NEW!

★ CBLG 101 Anatomy and Physiology I

Corequisites: NSE 101, NSE 111, PPN 101 (for Collaborative Nursing program students only); Not available to students in Bachelor of Science programs in Biology, Biomedical Science or Chemistry.

Antirequisite: BLG 10B

A comprehensive investigation into the cells and tissues of the human body. Specific content will include homeostasis and how it is maintained in the healthy human body. An exploration of cellular physiology and the nucleus as the control centre of the cell will set the stage for the term. Following this, an investigation into the four primary tissues of the body (epithelium tissue, connective tissue; muscle tissue, and nervous tissue), and the basics of the nervous system. This course is not available for credit in the Bachelor of Science programs in Biology, Biomedical Science or Chemistry.

39.0 Hours Fees: $623.30

☆ CBLG 111 Anatomy and Physiology II

Prerequisites: CBLG 101, BLG 101, NSE 101, NSE 111, PPN 101 (NSE and PPN courses for Nursing students only)

A comprehensive investigation into the major organ systems of the body. Specific content will include: cardiovascular (blood, heart, and blood vessels), respiratory, gastrointestinal including nutrition, urinary including fluid/electrolyte and acid/base balance, reproduction and pregnancy including heredity. This course is not available for credit in the Bachelor of Science programs in Biology, Biomedical Science or Chemistry.

This course includes on-campus section(s) for the Spring/Summer 2022 term. To determine on-campus sections look for "Classroom" on the section details summary and/or "Downtown" as the location. Students must be fully vaccinated against COVID-19 and submit proof of vaccination in order to attend on-campus classes. For more details about fulfilling vaccination requirements. Visit **COVID-19 Updates for Chang School Students** for the most up-to-date guidance on attending on-campus classes.

39.0 Hours Fees: $623.30

★ CBLG 143 Biology I

This course is an introduction to the cellular and molecular mechanisms in the cell. Topics include macromolecule structure and function, enzymes, cell membrane structure and function, cell cycle control, cell division, metabolism, and photosynthesis. Also included is an introduction to genetics and patterns of inheritance, gene expression, and developmental biology. Laboratory exercises complement lectures.

Note: Attendance at labs is mandatory. You will need to activate your Toronto Metropolitan email account in order to receive communication from your lab instructor.

58.5 Hours Fees: $890.42

★ CBLG 144 Biology II

Prerequisite: CBLG 143

This course is an introduction to evolution, diversity, and ecology. Topics include natural selection and the patterns of evolutionary change in allele frequencies and speciation. The course will introduce the diversity of living organisms resulting from evolutionary processes. The course will explore how these organisms interact with each other and their physical environment, and the feedback of these interactions on evolution. Laboratory exercises complement lectures.

Note: Attendance at labs is mandatory. Labs begin the first week of classes. You will need to activate your Toronto Metropolitan email account in order to receive communication from your lab instructor.

Come prepared for your lab. You will need a lab coat, safety glasses or goggles, nitrile gloves, and a lab notebook. You should dress appropriately: no shorts, no skirts, no sandals, no open toed or open heeled shoes, and no high heels.

58.5 Hours Fees: $890.42

★ CBLG 151 Microbiology I

Prerequisite: CBLG 143 and CBLG 144

This course introduces the student to the principles of microbiology. Topics include the history of microbiology, a survey of the different types of microorganisms, prokaryotic cell structure and function, microbial nutrition and growth, microbial metabolism and its applications, and bacterial genetics and gene expression. An introduction to bacterial gene expression will also be covered. The laboratory exercises complement the lectures and introduce the student to basic microbiological techniques and applications.

Note: Attendance at labs is mandatory. Labs begin the first week of classes. You will need to activate your Toronto Metropolitan email account in order to receive communication from your lab instructor.

Come prepared for your lab. You will need a lab coat, safety glasses or goggles, nitrile gloves, and a lab notebook. You should dress appropriately: no shorts, no skirts, no sandals, no open toed or open heeled shoes, and no high heels.

78.0 Hours Fees: $1177.35

☆ CBLG 311 Cell Biology

Prerequisites: CBLG 143 and CBLG 144

This course will examine key concepts of cell structure and function. This includes membrane structure and function, membrane transport mechanisms of small molecules and ions, cytoplasmic organization, intracellular targeting and sorting of proteins, membrane trafficking, the cytoskeleton, and nuclear organization. We will also examine various methods used to visualize and study cell structure and function.

39.0 Hours Fees: $623.30

☆ CBLG 400 Genetics

Prerequisites: CBLG 143 and CBLG 144

Structure, function, and transmission of genes; chromosomal basis of inheritance; mono- and dihybrid crosses; sequential steps in gene function; linkage maps; sex chromosome inheritance, cytogenetics, genetic traits and inheritance as they relate to health care issues. Topics include normal and pathological cytology; the human genome project; gene mapping; linkage and therapy.

52.0 Hours Fees: $890.42

☆ CBLG 599 Biology Facts in Pop Media Sci-Fiction

This course is an exploration of the real science and technology behind the science fiction portrayed in popular media (movies, television, internet and print). Topics may include: cloning of cells and organisms; DNA sequencing and genomics; forensics techniques used in real labs; how to analyze and understand statistics in health related news articles; the chemistry and physiology behind health foods and fads; the pros and cons of genetically modified organisms (GMOs); etc. Students will be able to choose and direct their studies of specific movies, episodes, and articles.

39.0 Hours Fees: $623.30

☆ CBLG 699 Social Factors in Drug Development

Antirequisites: CBLG 143, CBLG 144

Once a drug has been discovered, there are many factors that influence whether it is marketed. This course will explore the societal issues that affect pharmaceutical and biotech companies as they develop new compounds. After an introduction to the Canadian regulatory process, students will discuss topics such as laboratory animal welfare, ethics in clinical research, drug reimbursement, and other pressures drug companies face to provide a drug or take it off the market.

39.0 Hours Fees: $623.30

NEW!

☆ CBLG 850 What is Cancer?

Not available to Biology, Biomedical Sciences, Chemistry, Contemporary Science, and Medical Physics students

Antirequisite: BMS 850

Cancer is the most prevalent disease in contemporary world. The basic biology of cancer as well as relevant clinical and therapeutic aspects of the disease will be covered. This knowledge will be then integrated with current public health issues in cancer prevention and treatment. Students will learn how to critically evaluate cancer claims in the news and explore common myths about cancer. Students will also have an opportunity to effectively communicate information about cancer to general public through current forms of media. This course is designed for non-science majors and as such does not require any university level science courses as prerequisites.

39.0 Hours Fees: $623.30

Biomedical Sciences

NEW!

☆ CBLG 850 What is Cancer?

Not available to Biology, Biomedical Sciences, Chemistry, Contemporary Science, and Medical Physics students

Antirequisite: BMS 850

Cancer is the most prevalent disease in contemporary world. The basic biology of cancer as well as relevant clinical and therapeutic aspects of the disease will be covered. This knowledge will be then integrated with current public health issues in cancer prevention and treatment. Students will learn how to critically evaluate cancer claims in the news and explore common myths about cancer. Students will also have an opportunity to effectively communicate information about cancer to general public through current forms of media. This course is designed for non-science majors and as such does not require any university level science courses as prerequisites.

39.0 Hours Fees: $623.30

☆ CBMS 150 Introduction to the Human Genome

This course for non-science majors aims to explore our current understanding of the principles of genetics as applied to the human genome. The human genome has been fully sequenced and individuals are now choosing elective surgery based on knowledge of their genetic make-up. Students will be exposed to current ideas of the connection between our genes, health, and illnesses and to the similarities and differences in genomes and gene expression among individuals and populations.

39.0 Hours Fees: $623.30

Chemistry

☆ CBCH 261 Biochemistry

Prerequisites: CBLG 143 and CBLG 144 and CCHY 142 (BLG 143 and BLG 144 and CHY 142);

Antirequisites: CHY 204 and CHY 205

This course deals with the structure, function, and chemistry of the molecular building blocks of the cell. This includes a discussion of water and its properties, amino acids, proteins, nucleotides and nucleic acids, carbohydrates, and lipids. Also included is an introduction to enzyme function and kinetics. The laboratory provides an introduction to the basic biochemical techniques including chromatography, electrophoresis, and spectrophotometry. (Formerly CHY 261).

There will be no lab exemptions for the Chang School of Continuing Education offerings of this course.

78.0 Hours Fees: $1177.35

★ CCHY 103 General Chemistry I

Antirequisite: CHY 102, CCHY 104, CHY 123, CCHY 182, CCHY 183

This foundation course begins with an introduction to types of chemical compounds, chemical reactions, and stoichiometry. Subsequent topics include the investigation of the states of matter (primarily liquids and gases), solutions and colligative properties, chemical equilibrium, acids and bases, and thermochemistry. This course acts as the first half of a full year general chemistry sequence and is a precursor to CHY 113 General Chemistry II.

39.0 Hours Fees: $588.90

☆ CCHY 182 Chemistry Applications to Living Systems

Not available to students in Engineering, nor any option of Biology, Biomedical Sciences, Chemistry, or Medical Physics, nor to Nutrition and Food nor Occupational and Public Health students;

Antirequisites: CHY 102, CCHY 103, CCHY 104, CHY 113, CHY 123

The emphasis of this course will be on understanding chemistry and the role it plays in everyday life, particularly to those who live in an urban environment. The course will endeavour to have a conceptual and contextual focus rather than a quantitative approach, relating chemistry to urban/environmental issues with particular reference to life in Toronto where possible. Topics could include water/sewage treatment, air pollution, energy sources, soil chemistry, foods, and industrial chemistry (polymer, petroleum, pharmaceutical, etc.) The curriculum could also include sections on street drugs, cosmetics, chemistry in the movies, and forensic chemistry. (Formerly SCI 182.) (May not be used as a credit towards a science degree.) CHY 182 is not available for credit to students who choose CHY 103 or CHY 113.

Note: Not available to students in Engineering or Science (Architectural Science excepted) or Nutrition and Food or Occupational and Public Health students.

39.0 Hours Fees: $588.90

☆ CCHY 183 Introduction to Forensic Sciences

Antirequisites: CBLG 143, CHY 102, CCHY 103, CCHY 104, CHY 123; Not available to Engineering students nor Faculty of Science students (with the exception of Computer Science, Financial Mathematics or Mathematics and its Applications students).

The popularity of TV shows depicting the science of criminal investigations has impacted the way forensic science is viewed by the public and media. This course will provide non-science students with an introduction to the field of forensic science. Students will develop an appreciation of the critical methods of scientific investigation, reasoning, and communication. Topics will include techniques of chemical analysis, physical investigation, and the role of expert witnesses in crime scene investigations. (Formerly SCI 183).

39.0 Hours Fees: $588.90

★ CCHY 242 Organic Chemistry II

Prerequisite: CHY 142

This course includes the mechanistic approach to the study of organic reactions and includes condensation reactions, aromatic chemistry, and pericyclic reactions. Also included are spectroscopic methods of structure determination, organic synthesis, and the use of organometallic reagents.

39.0 Hours Fees: $588.90

☆ CCHY 583 Alternative Energies

The focus of this course is on carbon-free renewable energies. Students will first examine the use of carbon-based fuels, and compare and contrast these fuels to carbon-free alternatives including solar, wind, water, hydrogen, and nuclear energies. The course will emphasize qualitative rather than quantitative concepts, and will include social, economic, and environmental impacts of these alternative energy sources.

39.0 Hours Fees: $588.90

☆ CCHY 599 The Business of Chemistry and Biology

Restriction: Not available to Faculty of Engineering and Architecture Students (with the exception of Architecture)

A general and conceptual discussion of the biology and chemistry behind consumer and industrial products. Emphasis will be on the innovations that laid the foundation for these products and how they have impacted the economy and/or society. Also to be considered are the challenges related to commercializing innovation from both a consumer and competitive point of view. Case studies will be used to illustrate specific topics.

39.0 Hours Fees: $588.90

★ CCKH 107 General Chemistry Laboratory

Corequisite: CKCH 106 or CCHY 103

Experiments cover the following topics: determination of water hardness, solution preparation, acid-base titration, calorimetry, solubility equilibria, and chemical kinetics. Equivalent to the laboratory portion of CHY 113.

Students are required to take CKCH 106 or CCHY 103 before or at the same time as CKCH 107.

39.0 Hours Fees: $620.20

★ CKCH 113 General Chemistry II

Prerequisite: CKCH 106 or CCHY 103

This course builds on the topics introduced in CCHY 103. Emphasis is placed on modern atomic theory, including atomic structure, orbitals, shapes of molecules, bonding theories, intermolecular forces, and periodicity. Additional topics include thermodynamics, kinetics, electrochemistry, solids, and phase changes. Equivalent to the lecture portion of CHY 113.

39.0 Hours Fees: $608.72

★ CKCH 142 Organic Chemistry I

Prerequisites: (CCHY 103 or CKCH 106) and (CHY 113 or CKCH 113)

This is an introductory course based on the mechanistic approach to the study of organic reactions, and includes functionality, IUPAC nomenclature, structural and stereoisomerism, oxidation and reduction, nucleophilic additions, nucleophilic substitutions, eliminations, electrophilic additions of aliphatic compounds. Lecture portion of CHY 142.

39.0 Hours Fees: $620.20

★ CKCH 143 Organic Chemistry Laboratory

Prerequisite: CKCH 107 or CHY 113

Corequisite: CKCH 142

This laboratory course will cover the techniques involved in using the primary wet chemical tools: distillation, extraction, recrystallization, filtration, and rotary evaporation. Measurement of refractive index, melting point, and boiling point as well as some simple syntheses; isolation and purification operations will be carried out. Laboratory portion of CHY 142.

Students are required to take CKCH 142 before or at the same time as CKCH 143.

39.0 Hours Fees: $632.71

★ CKCH 225 Biochemistry I

Prerequisites: (CKCH 142 or CHY 200 or CHY 142) and CBLG 143 and CBLG 144

This course deals with the structure, function, and chemistry of the molecular building blocks of the cell. This includes a discussion of water and its properties, amino acids, proteins, nucleotides and nucleic acids, carbohydrates, and lipids. Also included is an introduction to enzyme function and kinetics. Equivalent to the lecture portion of BCH 261.

39.0 Hours Fees: $632.71

★ CKCH 227 Biochemistry Laboratory I

Prerequisites: (CKCH 142 and CKCH 143) or CHY 142

Corequisite: CKCH 225

The laboratory provides an introduction to the basic biochemical techniques including chromatography, electrophoresis, and spectrophotometry. Laboratory portion of BCH 261.

Attendance at labs is mandatory. Labs begin the first week of classes and students must be enroled prior to the first day class. You will need to activate your Toronto Metropolitan email account in order to receive communication from your lab instructor. Come prepared for your lab. You will need a lab coat, safety glasses or goggles, nitrile gloves, and a lab notebook. You should dress appropriately: no shorts, no skirts, no sandals, no open toed or open heeled shoes, and no high heels.

39.0 Hours Fees: $685.93

Health Information Management

★ CHIM 301 Healthcare Information Analysis

Prerequisite: CHSM 301

Emphasis will be placed on analysis methodologies and the concomitant use of current data analysis software, such as query and reporting tools, on-line analytical processing (OLAP), executive information systems and data mining tools. The key concept will be methods of transforming data into meaningful information for end-users. Analysis techniques include: trending through the use of historical data, impact analysis, variance analysis, and data modeling to allow for scenario testing. The identification of data sources such as Management Information Systems (MIS), the Canadian Institute for Health Information (CIHI), as well as other financial, clinical, and demographic data repositories, will also be covered.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $601.42

★ CHIM 305 Introduction to Health Informatics

This course introduces how information technology is applied in healthcare services. Several concepts, including electronic health records (EHR), eHealth, “infostructure” and their applications in the practice of evidence-based management are explored. A specific focus is on implementing EHR in Canada and other jurisdictions. Ethical issues and health information management are studied. Students also learn how simple software applications are used in healthcare domains.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $601.42

★ CHIM 306 Healthcare Interoperability

Prerequisites: CHIM 305

This course provides a foundation on healthcare data, information and knowledge sharing. A specific focus is the importance of interoperability between diverse and distributed systems. New care processes are analyzed and presented through case studies. Various electronic data interchange standards and healthcare coding terminologies are introduced. Students work with standards like SNOMED CT, HL 7, and create care information contents in a simulated environment.

This course is fully online and asynchronous, meaning you typically will

not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

39.0 Hours Fees: $601.42

★ CHIM 307 Human-Computer Interfaces in Healthcare

Prerequisites: CHIM 305

This course introduces fundamental concepts of Human-Computer Interface (HCI) design, usability issues, and integration within the healthcare delivery processes. Fundamentals of human interaction with computers including mental models, multimedia user interface, network-based interactions, and visual design principles are introduced. HCI in computerized physician order-entry systems, speech interfaces, computer-based tutoring systems for training health professionals, patient monitoring systems, information-retrieval systems, and clinical decision-support systems are analyzed.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $601.42

★ CHIM 404 Introduction to Health Economics

This course introduces and applies fundamental economic principles to the health care field. Topics covered include the relevance of markets and incentives to healthcare policy and services, insurance, payment schemes, and the economic evaluation of healthcare technologies.

39.0 Hours Fees: $588.90

☆ CHIM 406 Practicum Seminar

Department Consent Required

This course is offered in conjunction with HIM 407. Students and faculty supervisors establish learning contracts detailing the terms and conditions of fieldwork placements. Mid and final seminars provide an opportunity for students to apply theory and collectively share their experiences. This is a graded course.

39.0 Hours Fees: $588.90

☆ CHIM 407 Practicum

Department Consent Required

Students and faculty supervisors establish learning contracts detailing the terms and conditions of fieldwork placements. Subsequent seminars provide an opportunity for students to apply theory and collectively share their experiences.

39.0 Hours Fees: $588.90

★ CHIM 408 Statistics for Health Services Managers

Antirequisites: CECN 329, CIND 123, CMTH 404, CMTH 480, PCS 623, CQMS 202, QMS 204, QMS 210, QMS 230, SOC 481

This course introduces principles of statistics for use in health services. Topics include study design, sampling, description, summary, and hypothesis testing. Students apply methods such as ANOVA, correlation, chi-square, and multiple regression using statistics software. The applied approach develops knowledge and skills necessary to understand health services research and practice evidence-based management.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

Health Services Management

★ CHSM 301 The Healthcare Systems

The course introduces participants to the organization and operation of the health systems of Canada. The initial section focuses on the client as the consumer of health services. Discussion is focused on the historical concepts of the provider-client relationships; integrated client-centred care. Also examined are major institutional and community components and the interrelationships; role of governments and the health professions in shaping the current system; funding; planning for healthcare; the impact of access to services with the shift from the institutionally-based illness model with curative technology to a wellness model stressing client rights, community development and health promotion in a climate of the learning organization with quality improvement initiatives.

39.0 Hours Fees: $601.42

★ CHSM 305 The Management Cycle

Prerequisite: CHSM 301 or HSM 315

This course will explore the manager's role as it relates to planning, organizing, HRM, budgeting, supervising, evaluation, service delivery, and marketing. Further exploration will centre around areas such as organizational development and culture, evolution of organizations, response to change, individual motivation, group dynamics, leadership styles, inter-departmental relations, decision-making, communication, team building, conflict resolution, managing change.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $601.42

★ CHSM 307 Principles of Long Term Care Service Del.

Successful completion of this course will enable the student to understand and critically analyze the current system and the impact of expected changes on the delivery of service in the long-term care sector. The course will deal with the policies, values, concepts, and complexities of the health care system in the municipal, provincial, national, and international contexts. It will also provide an understanding of the political processes and legislation that have shaped and will continue to shape the delivery of long-term care. Discussion will include the administrative issues and trends in the provision of services to culturally diverse clients of all ages and conditions in both community and institutional environments.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $598.28

★ CHSM 330 Managerial Epidemiology for Healthcare

Prerequisite: CHIM 408 or QMS 202 or QMS 210 or QMS 230

It is important for managers to understand the populations they serve. This course will illustrate how the manager can use epidemiological concepts and tools to improve management decisions - from setting rates to predicting staffing needs to marketing the services of the organization. Managers need to know the methods and ideas of epidemiology. The information will be presented in a manner that meets the needs of the healthcare manager. Some of the topics covered will be study designs and descriptive epidemiology; quantitative measures, and terminology.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $601.42

★ CHSM 407 Healthcare Financial Management

This course assumes a basic knowledge of accounting principles. It focuses on the unique financial management features, reporting policies, and analytic tools in health services organizations. It examines different types of budgets including capital and operating budgets, and fixed and variable budgets. It describes budgetary processes and tools and discusses capital expenditure plans and cash flow forecasts. Financial measurement, reporting, and evaluation strategies are discussed and students learn how to use a spreadsheet, and how to compute and compare budgets and to calculate variances.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

★ CHSM 408 Program Planning and Evaluation

Prerequisite: CHSM 417

This course develops conceptual and applied understandings of what a program is, how it is developed, and how its performance can be monitored and assessed. It describes the purposes, application, and importance of planning and evaluation techniques in the health field and develops strategies for initiating and managing planning and evaluation activities. Fundamental elements of program planning and evaluation are detailed including the specification of program goals, objectives and operational indicators, and the matching of planning and evaluation questions to operational decision-making.

39.0 Hours Fees: $588.90

☆ CHSM 418 Practicum Seminar

Department Consent Required

Students and faculty supervisors establish learning contracts detailing the terms and conditions of fieldwork placements. Subsequent seminars provide an opportunity for students to apply theory and collectively share their experiences. This is a graded course.

39.0 Hours Fees: $588.90

☆ CHSM 419 Practicum

Department Consent Required

The practicum is the "capstone" course of the program, and provides the opportunity to apply management theory and concepts in a working environment. Students evaluate and analyse on-site management issues within the context of their understanding of organizational systems. A pre-arranged number of hours, per week, will be spent over a negotiated time period in a setting other than their own work setting, although it may be in the same organization. Supervision will be provided by on-site preceptors. This course is graded on a pass/fail basis.

39.0 Hours Fees: $588.90

★ CHSM 437 Human Resources Management in Healthcare

This course will increase the understanding of the processes involved in merging human talents, needs, and aspirations with the requirements of the client-centred health services organization. It builds on the theory and practice of leadership and communication skills, to develop skills and knowledge in human resources planning, recruitment, selection, and evaluation. Topics include job analysis, performance appraisal, compensation, quality of working life, continuing professional education, collective bargaining, employee rights, career planning, etc. A case study approach will be used. Methodology: Lecture, discussion, case studies.

39.0 Hours Fees: $588.90

Nursing

☆ CNCL 700 Nursing Practice I

Prerequisites: CNUC 832, CNUR 600, CNUR 805, CPHL 302 and [(CNUR 850 and CNUR 860) or NUR 80A/B];

Corequisite: CNUR 810

This is the first of two clinical courses in which the students will use nursing and other theorists to guide their practice. Students will apply teaching-learning, communication, health promotion, and community health principles when working with individuals, groups, and families in community-based settings. Students will practice culturally sensitive, creative and flexible nursing. Emphasis will be placed on critical thinking, self-reflection, utilization of research findings, and the application of concepts from leadership and change.

In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. Prior to registration, you must be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing. Registration also requires submission through the Central Placement Office several months prior to actual enrolment date.

The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

See the Nursing website, **www.torontomu.ca/ce/nursing**, for further information.

208.0 Hours Fees: $1198.21

☆ CNCL 800 Nursing Practice II

Prerequisite: CNCL 700 and CNUR 810

Corequisite: CNUR 820 or CNUR 823 or CNUR 824 or NUR 825 or NUR 826 or NUR 827 or NUR 828

This clinical course will provide students with the opportunity to consolidate program and course learnings. Using theoretical approaches that are relevant to the practice setting, students will assume responsibility for more complex assignments expected of a beginning level baccalaureate graduate. Critical thinking and reflective practice will be key components of this course. Emphasis will be placed on the multiplicity of nursing roles in hospital and community settings. Students may apply theory from their nursing elective in the final practice setting. Clinical group meetings will be scheduled throughout the term.

In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. Prior to registration, you must be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing. Registration also requires submission through the Central Placement Office several months prior to actual enrolment date.

The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

See the Nursing website, **www.torontomu.ca/ce/nursing**, for further information.

208.0 Hours Fees: $1198.21

☆ CNUC 832 Community Nursing

Prerequisites: CNUR 816 and CNUR 830

Corequisite: CNUR 600

This course will focus on the role of the community health nurse in working with individuals, families, and communities and populations. It will examine in detail current frameworks of illness prevention, health promotion, and community development. Nursing roles in a variety of health promotion approaches will be examined. These will include the medical approach, behavioural change strategies, educational strategies, empowerment and advocacy, and social change related to socio-economic environment. The theoretical concepts will be linked to a discussion of current examples of community health programs and research.

In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. You must also be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing prior to enrolment in this course.

The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

Students enroled in Internet sections of this course are required to write the course test and/or exams online at preassigned dates and times. The end dates for these sections have been adjusted to accommodate this requirement. Details will be provided at the start of each course.

See the Nursing website, **www.torontomu.ca/ce/nursing**, for further information.

39.0 Hours Fees: $607.68

NEW!

☆ CNUR 100 Professional Practice I

Prerequisites: None; Co-Requisites: CNUR 125; CNUR 105; Antirequisites: None; Custom

Requisites: Available only to students in the Nursing Post-Diploma Degree Program

Introducing the foundations of the nursing profession at the baccalaureate level, as articulated in the College of Nurses of Ontario (CNO) Competency Framework, theory and concepts related to the nine roles will be critically appraised at the micro level. The historical, political, social, economic and legal-ethical factors and their influences will be explored within the context of the nursing profession and practice.

39.0 Hours Fees: $601.42

NEW!

☆ CNUR 105 Professional Communication

Custom Requisites: Available only to students in the Nursing Post-Diploma Degree Program

Communication within the context of relational nursing practice and intra and inter-professional practice will be explored. Concepts, frameworks, and theories will be examined to facilitate professional communication within academic and work place settings. Communication grounded in ethical principles will be explored. Self-reflection and cultural humility in professional communication will be the standard of practice

39.0 Hours Fees: $601.42

NEW!

☆ CNUR 120 Health Assessment Over a Lifespan

Custom Requisites: Available only to students in the Nursing Post-Diploma Degree Program

Holistic assessments of individuals focusing on concepts that support health across the lifespan will be performed. Normal assessment findings and common variations within a variety of ethnic and cultural populations, clinical decision-making, interventions, and documentation, including legal and ethical considerations will be emphasized.

39.0 Hours Fees: $601.42

NEW!

☆ CNUR 125 Theoretical Perspectives in Health

Custom Requisites: Available only to students in the Nursing Post-Diploma Degree Program

Nursing is integral to health care. The philosophical evolution of nursing knowledge as an art and a science will be explored. Concepts, models, and theories that reflect on and inform nursing practice will be analyzed. The interrelationship of theories and their application to practice will be critically appraised.

39.0 Hours Fees: $601.42

NEW!

☆ CNUR 130 Pathotherapeutics in a Lifespan

Custom Requisites: Available only to students in the Nursing Post-Diploma Degree Program

Fundamental concepts of pathophysiology and therapeutics across the lifespan will be explored. Principles of pharmacodynamics, pharmacokinetics, and pharmacogenetics will be examined.

39.0 Hours Fees: $601.42

☆ CNUR 600 Epidemiology: Major Health Problems

Prerequisite: CNUR 850

Corequisite: CNUR 860

In this course students will examine the principles and methods of epidemiology and apply these to selected populations. Major health problems across the lifespan and recommended intervention strategies will be explored from a primary, secondary, and tertiary perspective. How the nurse applies knowledge of epidemiology, when working with individuals, families, and communities, will be examined. Current literature and research findings will be utilized to direct discussion and analyze issues.

In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. You must also be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing prior to enrolment in this course.

The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

Students enroled in Internet sections of this course are required to write the course test and/or exams online at preassigned dates and times. The end dates for these sections have been adjusted to accommodate this requirement. Details will be provided at the start of each course.

See the Nursing website, **www.torontomu.ca/ce/nursing**, for further information.

39.0 Hours Fees: $601.42

★ CNUR 805 The Evolution of Theoretical Knowledge

Restriction: Part-Time Post-Diploma Nursing (NU008) or students enroled in Full-Time Post-Diploma Nursing (NU004) who have approval from the Daphne Cockwell School of Nursing.

In this course, the student will explore the philosophical evolution of nursing knowledge as an art and a science. Using a transformation theory base, the student will analyze a variety of nursing theories, concepts, and models, and the root of her/his own perspective of nursing practice. Major emphasis will be placed on the use of a theoretical framework to direct the processes of assessment, clinical judgment, care planning and evaluation. The interrelationship of systems theory and nursing theories, and their application to practice is examined.

In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. You must also be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing prior to enrolment in this course.

The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

Students enroled in Internet sections of this course are required to write the course test and/or exams online at preassigned dates and times. The end dates for these sections have been adjusted to accommodate this requirement. Details will be provided at the start of each course.

See the Nursing website, **www.torontomu.ca/ce/nursing**, for further information.

39.0 Hours Fees: $601.42

☆ CNUR 810 Concepts in Contemporary Nursing Practice

Prerequisites: CNUC 832 and CNUR 850 and CNUR 860

The focus of the course is to analyze, and apply theory and contemporary concepts associated with health and illness, health care delivery, and family development though the lifespan. Discussion will involve individuals and families with a focus on contemporary nursing practice at primary, secondary, and tertiary levels. Examples of concepts to be explored are: client-nurse diversity, self-care, and care-giver burden, chronic illness, resilience, and powerlessness.

In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. You must also be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing prior to enrolment in this course.

The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

Students enroled in Internet sections of this course are required to write the course test and/or exams online at preassigned dates and times. The end dates for these sections have been adjusted to accommodate this requirement. Details will be provided at the start of each course.

See the Nursing website, www.torontomu.ca/ce/nursing, for further information.

39.0 Hours Fees: $601.42

☆ CNUR 816 Health Assessment

Restriction: Part-Time Post-Diploma Nursing (NU008) or students enroled in Full time Post-Diploma Nursing (NU004) who have approval from the Daphne Cockwell School of Nursing.

This course provides the student with knowledge and skill in the area of health assessment across the lifespan. Content will focus on interviewing, the health history, mental status, cultural beliefs and values, physical assessment of body systems, and will include trans-racial considerations. Assessment of the family, as well as domestic violence screening and assessment are incorporated.

In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. You must also be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing prior to enrolment in this course.

The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

Students enroled in Internet sections of this course are required to write the course test and/or exams online at preassigned dates and times that may vary or extend past the scheduled course end date. Details will be provided at the start of each course.

Students in this course are required to complete a head-to-toe return demonstration exam which may take place on a scheduled day and time that may differ from scheduled in-class lab, or dates assigned for the Distance: Internet version of the course. Students living within a 200 miles distance from Toronto Metropolitan University (TMU) will complete this exam on campus. However, students at a greater distance may be provided with the following options to complete the return demonstration: at TMU; or to make arrangements to complete the return demonstration at an approved lab setting where there is access to Internet and web-camera capabilities.

See the Nursing website, **www.torontomu.ca/ce/nursing**, for further information.

52.0 Hours Fees: $800.69

★ CNUR 830 Current Issues and Future Perspectives

Restriction: Part-Time Post-Diploma Nursing (NU008) or students enroled in Full-Time Post-Diploma Nursing (NU004) who have approval from the Daphne Cockwell School of Nursing.

This course will examine the legal, political, economic, and social complexities of current health care delivery systems. Current issues and future perspectives in health care will be critically analyzed in relation to their implication for and their influence on the organized profession, individual nurses and nursing practice. Students will be expected to take personal and professional action in addressing some of these issues through their use of the political process and in the application of research finding. At a beginning level, students will participate in the development of health and social policy.

In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. You must also be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing prior to enrolment in this course.

The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

Students enroled in Internet sections of this course are required to write the course test and/or exams online at preassigned dates and times that may vary or extend past the scheduled course end date. Details will be provided at the start of each course.

See the Nursing website, **www.torontomu.ca/ce/nursing**, for further information.

39.0 Hours Fees: $601.42

★ CNUR 831 Leadership Development for Practice

Prerequisite: CNUR 830

This course will focus on the nurse's role in providing leadership and facilitating change in both personal and professional contexts. Content will include analysis of theory and concepts related to leadership, followership, change and effective communication within a diverse workforce. The impact of Informatics on the delivery of nursing and health care will be explored. The use of research findings and their application to practice will be emphasized. Students will be expected to identify and apply leadership strategies for personal development and professional practice.

In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. You must also be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing prior to enrolment in this course.

The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

Students enroled in Internet sections of this course are required to write the course test and/or exams online at preassigned dates and times that may vary or extend past the scheduled course end date. Details will be provided at the start of each course.

See the Nursing website, www.torontomu.ca/ce/nursing, for further information.

39.0 Hours Fees: $601.42

★ CNUR 833 Organizational Context of Practice

Prerequisite: CNUR 831

This course expands students' knowledge of the macro-, meso-, and micro-level factors in the health care system impacting service delivery and professional practice. Students critically analyze forces in the internal and external operating environments influencing strategic management decisions and organizational behaviours. This analysis fosters an enhanced understanding of the broad contextual factors shaping nursing roles and influencing how nurses enact their roles within different health service organizations and settings.

In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. You must also be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing prior to enrolment in this course.

The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

Students enroled in Internet sections of this course are required to write the course test and/or exams online at preassigned dates and times that may vary or extend past the scheduled course end date. Details will be provided at the start of each course.

See the Nursing website, www.torontomu.ca/ce/nursing, for further information.

39.0 Hours Fees: $601.42

☆ CNUR 850 Research Methods

Corequisite: CNUR 805

In this course students will examine the contribution of research to the development of nursing science. They will explore the relationships between research and knowledge; and theory and practice. The focus will be on understanding the components of the research process, in the positivist and naturalist paradigms, as well as mixed methods designs. Students will use computer technology to search the nursing and health-related literature. The ethical conduct of research will be addressed. Students will learn to interpret and critically appraise nursing research studies, applying research findings to practice, and identifying areas for further nursing research.

In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. You must also be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing prior to enrolment in this course.

The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

Students enroled in Internet sections of this course are required to write the course test and/or exams online at preassigned dates and times that may vary or extend past the scheduled course end date. Details will be provided at the start of each course.

See the Nursing website, **www.torontomu.ca/ce/nursing**, for further information.

39.0 Hours Fees: $588.90

☆ CNUR 860 Statistics and Nursing

Prerequisite: CNUR 850

In this course the emphasis is on the preparation of statistical data, its analysis and interpretation within the context of the positivist research paradigm in nursing research. Descriptive and inferential statistics will be examined and utilized, from nursing research databases. Students will use computer technology to process numerical data and conduct statistical analyses. Strategies for critically reviewing, integrating and disseminating statistical findings from nursing research will be discussed as well as the implications of the findings for nursing practice.

In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. You must also be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing prior to enrolment in this course.

The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

Students enroled in Internet sections of this course are required to write the course test and/or exams online at preassigned dates and times that may vary or extend past the scheduled course end date. Details will be provided at the start of each course.

See the Nursing website, www.torontomu.ca/ce/nursing, for further information.

39.0 Hours Fees: $588.90

CVNU 113 Paediatric Health Assessment

Department Consent Required

This course is designed to broaden participants' knowledge and skills in the health assessment of infants, children, and adolescents. Learning is based upon foundational knowledge of growth and development, family, social determinants of health, and communication skills. Physical assessment techniques for body systems, pain, nutritional status, mental health, and psychosocial needs will be addressed across all paediatric developmental stages.

E-learning course activities include online discussions and case studies.

27.0 Hours Fees: $346.76

★ CVNU 317 Health and Social Policy

Restriction: Part-Time Post-Diploma Nursing (NU008) or students enroled in Full-Time Post-Diploma Nursing (NU004) who have approval from the Daphne Cockwell School of Nursing.

This course explores the definition of policy, and its contexts, development, and effects at the community, professional, corporate, and government levels. It introduces concepts related to policy content, process, outcome, and analysis and it investigates the nurse's role in policy development. The relationship between health and social policy to people, their environments, their health, and nursing is addressed through critical analysis, discussion, small group process, expert guest presentation, and independent study. Case studies relating to current health and social policies will also be reviewed in the classroom setting. Equivalent to Nursing Elective: Special Topics in the BScN program.

In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. You must also be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing prior to enrolment in this course.

39.0 Hours Fees: $588.90

★ CVNU 322 Computer and Information Management in Nursing

Restriction: Part-Time Post-Diploma Nursing (NU008) or students enroled in Full-Time Post-Diploma Nursing (NU004) who have approval from the Daphne Cockwell School of Nursing.

In today's health care environment, decisions must be based on sound information to provide quality care in a cost-effective way. Well-informed decisions require accurate, complete, and timely information obtained from well-managed data processes. Health care professionals must be fluent and competent to work with the necessary tools to manage information. Computers and the applications which drive these machines are important to understanding the potential of information management. This course will explore various theories and concepts of information management and will allow the students to further their knowledge of computer concepts and applications. Equivalent to Nursing Elective: Special Topics in the BScN program.

In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. You must also be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing prior to enrolment in this course.

The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

Students enroled in Internet sections of this course are required to write the course test and/or exams online at preassigned dates and times that may vary or extend past the scheduled course end date. Details will be provided at the start of each course.

39.0 Hours Fees: $588.90

✪ CVNU 370 Change and Innovation

Prerequisite: CVNU 360 and Department Consent

This capstone course is an integrative course that provides the opportunity for students to apply the LEADS framework and related theories and concepts in a health services setting. Students will plan a change and/or innovation project based on a selected nursing leadership/management issue. A project report will be completed to provide evidence of the application, synthesis, and integration of the dimensions of the LEADS framework, as well as the individual student's focus of study for the certificate.

In order to take this course, you must be a member of a regulated health discipline with a minimum of an undergraduate degree or have an undergraduate (or equivalent) degree in health services management.

39.0 Hours Fees: $637.59

Physics

★ CPCS 110 Physics

Units and vectors. Motion: linear, projectile, circular, and oscillatory motion. Newton's laws: Force, mass, and acceleration; work, energy, and power; linear and angular momentum. Electrostatics: Electric force and field; potential and potential energy; capacitance. Electric current and DC circuits. Magnetic field and force: magnetic force on currents and charges; Hall effect; torque on current loops; Waves: classification of waves; energy transfer; light and electromagnetic waves; diffraction and interference. MAPLE used for simulation/visualization of physical phenomena and problem solving.

Not available to Faculty of Engineering and Architectural Science students nor to Faculty of Science students (with the exception of Computer Science Program).

52.0 Hours Fees: $800.69

★ CPCS 120 Physics I

Antirequisites: PCS 125 and PCS 211

A calculus-based course covering fundamental physics concepts: units, vectors, linear motion, circular motion, force and motion, work and energy, collisions, gravitation, electrostatics, capacitance, and simple DC circuits.

This course includes a lab.

65.0 Hours Fees: $975.97

★ CPCS 130 Physics II

Prerequisite: CPCS 120

Antirequisites: PCS 125 and PCS 211 and (PCS 102 or SCI 104)

A continuation of Physics I, calculus-based course. An introduction to oscillations, mechanical waves, magnetism, electromagnetism, optics and nuclear physics. The laboratory is an essential and autonomous part of the course.

65.0 Hours Fees: $1250.37

☆ CPCS 181 Introduction to Astronomy

Not available to Engineering students.

This course will examine astronomical ideas both in relation to their times and in the light of current scientific theory and technical data. Application of the scientific method will be emphasized in evaluating these data and theories. Method of collection and analysis of data will be presented to help the nontechnical student in asking fundamental questions about scientific theories. Topics covered include cosmology, origin of the stars and galaxies, evolution of stars, the solar system, exobiology, death of stars, stellar remnants, and the age of the universe.

39.0 Hours Fees: $607.68

☆ CPCS 581 Advanced Topics in Astronomy

Prerequisites: CPCS 181 or PCS 510; Not available to students in the Faculty of Engineering and Architectural Science.

The scientific method of investigation will be applied to an in-depth presentation of contemporary astronomical research on cosmology, parallel universes, white dwarfs, neutron stars, black holes, wormholes, Dark Matter, galaxy formation and evolution, Dark Energy, exobiology, the Drake equation, and related topics.

39.0 Hours Fees: $606.83

INFORMATION TECHNOLOGIES AND COMPUTER SCIENCE

Computer Science

★ CCPS 109 Computer Science I

An introductory programming course designed to introduce fundamental Computer Science concepts such as abstraction, modelling, and algorithm design. Emphasis is placed on producing correct software. Replaces CPS 513

65.0 Hours Fees: $1259.77

☆ CCPS 171 Introduction to Cyber-Secure Coding

The course is designed to introduce fundamental concepts in computer programming, such as abstraction and algorithm design. Emphasis is placed on software security through input validation, sanitization, secure declaration and initialization, and secure numerical data types and arithmetic.

52.0 Hours Fees: $1090.76

★ CCPS 209 Computer Science II

Prerequisite: CCPS 109 or CPS 106

A continuation of CPS 109. Emphasis is placed on code structure, algorithm development, and Object Oriented design principles.

65.0 Hours Fees: $1344.04

☆ CCPS 213 Computer Organization I

This course introduces the students to the principles and fundamentals of digital system design. Topics covered include: Binary numbers, base conversions, signed numbers, Boolean algebra, logic gates, K-map method, combinational circuits, decoders/encoders, multiplexers, sequential circuits, flip-flops, state diagram, registers, counters, and addressing techniques. (Two hour Lab every other week).

65.0 Hours Fees: $635.84

★ CCPS 305 Data Structures

Prerequisite: CCPS 209

Introduction to data structures and algorithms. Data structures covered will include stacks, queues, lists, trees, and graphs. Algorithm topics will include searching, sorting, hashing, algorithm design, greedy approaches, dynamic programming, recursion, and complexity analysis.

52.0 Hours Fees: $775.65

☆ CCPS 310 Computer Organization II

Prerequisite: CCPS 213 or CPS 211

A continuation of CPS 213. Memory; CPU architecture and instruction set; the instruction processing sequence; generic assembler level programming illustrated for specific CPUs; I/O essentials including interrupts and DMA; characteristics of major peripherals interfaces; RISC and CISC architectures compared; parallel processing. The laboratory requires using a specific assembler/editor for the creation of programs illustrating some of the principles discussed in lectures.

65.0 Hours Fees: $956.16

★ CCPS 311 Object Oriented Programming and Design

Prerequisites: CCPS 209 and CCPS 393

This course further explores the Object-Oriented paradigm emphasizing the Object Model and relationships between the various artifacts. The pure Smalltalk language is introduced to reinforce the OO paradigm. The Unified Modeling Language to capture the objects, classes, and their relationships is studied in considerable depth with a major analysis and initial design project done in teams. A reasonably complete coverage of C++ is presented. Time permitting, OO features of other languages will be discussed.

39.0 Hours Fees: $635.84

☆ CCPS 371 Introduction to Security Protocols

Prerequisite: CCPS 571

This course is designed to provide a high level overview of common Web Security and Network Security protocols, such as HTTP, TCP/IP, UDP, SSH, DNS, TLS, etc. The focus of the course will be on understanding the high level design of the protocols, their vulnerabilities, and how to prevent basic attacks.

52.0 Hours Fees: $1090.76

★ CCPS 393 Introduction to UNIX, C and C++

Prerequisite: CCPS 209

The course introduces the UNIX operating system, and the C and C++ languages. UNIX topics include: I/O, redirection, processes, and shell scripts. C and C++ are introduced with an emphasis on differences from previously studied languages. C topics include pointers, structures, memory allocation, and paradigm differences. C++ topics include class formalisms, static and dynamic instantiation, inheritance, constructors and destructors, polymorphism with virtual functions, operator overloading, and time permitting, friends. Stream I/O may be introduced.

52.0 Hours Fees: $669.23

☆ CCPS 406 Introduction to Software Engineering

Prerequisite: CCPS 311 or CCPS 209

This course introduces the study of Object-Oriented software engineering. Topics include software project management, requirements gathering, requirements analysis, modeling, design, implementation, and testing. UML diagrams and design patterns are also discussed. A major portion of the course is a team project, taking a system from the initial requirements to the final implementation. (2 hr Lab every other week).

52.0 Hours Fees: $807.99

☆ CCPS 412 Social Issues, Ethics and Professionalism

This course will cover some of fundamental social, legal, and ethical issues inherent in the discipline of computing. Topics include social context, analytical tools, professional ethics, intellectual property, privacy and civil liberties, professional communication, sustainability, and equity issues.

39.0 Hours Fees: $870.56

★ CCPS 420 Discrete Structures

Prerequisite: CCPS 305, CMTH 110

Antirequisite: MTH 210

Introduction to discrete structures as they apply to design and analysis. Review of proof techniques. Induction and recursion. Graphs and trees, and their applications in computing. Finite automata and regular expressions. Counting: arithmetic and geometric progressions, permutations and combinations, modular arithmetic.

52.0 Hours Fees: $854.56

☆ CCPS 506 Comparative Programming Languages

Prerequisites: CCPS 209

A survey of major programming paradigms, with emphasis on the functional paradigm. Discussion of data typing, program decomposition, scoping rules, control structures parameter passing. Programming languages will likely include commercially important functional languages such as Haskell, Clojure and Erlang, with examples of others as time permits.

52.0 Hours Fees: $775.65

★ CCPS 510 Database Systems I

Prerequisite: CCPS 305 or (COE 428 and COE 528)

Antirequisite: CITM 500

Advanced file management techniques involving fundamentals of database organization, design and management. Emphasis is given to Relational Database Management Systems including relational algebra, normal Forms, physical Database Structures and their implementation, and Relational Database Languages. Other types of Database Managers are also discussed such as Hierarchical, Network and Inverted Files.

52.0 Hours Fees: $775.65

☆ CCPS 521 Introduction to Data Science

Prerequisite: CCPS 209 and CMTH 380 or CPS 209 and MTH 380;

This course is an introduction to different aspects of data science. The focus is on data collection and management and then applying data analytics, statistical and machine learning models on the collected data. The topics of the course include big data, data models, distributed computing, regression and statistical analysis, neural networks, support vector machines, scalable machine learning models, basics of natural language processing, recommendation systems, and analyzing social graphs. All these topics will be discussed at the introductory level.

52.0 Hours Fees: $886.88

☆ CCPS 530 Web Systems Development

Prerequisite: CCPS 209

This course presents the concepts and applications of the technologies to design and develop creative and successful web services. It covers design fundamentals and also programming languages for both server-side and client-side environments. Responsive design, search engine optimization and monetization strategies are also introduced.

52.0 Hours Fees: $635.84

★ CCPS 590 Operating Systems I

Prerequisite: CCPS 305 and CCPS 393

Introduction to O/S (system calls, interrupts, synchronous and asynchronous traps, O/S structure), using processes (process communication and synchronization), primitive communications (signals and signal management calls), pipes, messages, semaphores, shared memory, memory management, file systems, and (time permitting) remote procedure calls.

52.0 Hours Fees: $848.68

★ CCPS 610 Database Systems II

Prerequisite: CCPS 510

This course is a continuation of CPS 510. Topics include: embedded DB languages (e.g. JDBC class libraries) and Embedded SQL, Transaction management, Distributed Databases, Transaction Concurrency Control, Concurrency Control through Locking/protocol and time stamps, Object-Oriented and Object-Relational Database Systems, non-structured and NOSQL databases (e.g. Mongo DB). Introduction to big data management, Map-Reduce and Hadoop.

52.0 Hours Fees: $775.65

☆ CCPS 616 Algorithms

Prerequisites: (CCPS 305 and MTH 210) or (CCPS 305 and CCPS 420);

Antirequisite: CPS 688

Complexity analysis and order notations, recurrence equations, brute force, divide-and-conquer techniques and the master theorem, transform-and-conquer and problem reduction, greedy method, dynamic programming, the knapsack and travelling salesman problems, graph algorithms, text processing and pattern matching techniques, P, NP, and NP-complete classes.

52.0 Hours Fees: $886.88

☆ CCPS 633 Computer Security

Prerequisites: CCPS 393

History and examples of computer crime. Security policies and mechanisms. Access control models. Implementation and usability issues. Physical security. Authentication technologies. Operating system security. Encryption algorithms and protocols. External and internal firewalls. Software flaws and malware. Ethical issues in computer security. Sample privacy noncompliance litigation cases, Social implications of computing networked communication.

52.0 Hours Fees: $775.65

★ CCPS 706 Computer Networks I

Prerequisite: CCPS 590

Internet, the network edge, the network core, delay, loss and throughput, protocol layers. Application Layer: principles of network applications, web. Transport Layer -UDP, connection oriented transport TCP, TCP congestion control. Network layer -The internet protocol (IP): Forwarding and addressing in the Internet. Routing algorithms. The link layer and local area networks.

52.0 Hours Fees: $565.95

★ CCPS 721 Artificial Intelligence I

Prerequisites: CCPS 305, CCPS 420, CMTH 380

This course provides introduction to several important AI problems and techniques, including knowledge representation and reasoning, constraints satisfaction, search, natural language understanding, planning, uncertainty, belief networks, learning.

52.0 Hours Fees: $848.68

☆ CCPS 844 Data Mining

Prerequisites: CMTH 380

This course introduces the basic data mining concepts, methods, implementations, as well as applications in different areas, especially on the world wide web. Topics covered include the basic data mining techniques, data preprocessing, association rule mining, classification, clustering, web mining, and data mining application (e.g. in web personalization, recommender system, security). At the end of this course, students should be able to implement and use some of important data mining algorithms in practical applications.

52.0 Hours Fees: $775.65

☆ CCPS 853 Creating Big Data Systems.

Prerequisites: CCPS 406 and (CCPS 420 or MTH 210) and (CCPS 510 or CITM 500)

This course will discuss how to build Big Data analytic and transactional systems. The course will provide introduction to the theory and practice of large-scale software systems. We will focus on defining Big Data properties and architecting the systems to accommodate these properties. In addition, we will cover quality assurance of such systems, as well as management (risk estimation, planning, team management, etc.)

65.0 Hours Fees: $1172.30

✪ CKCS 145 Full Stack Developer

Full stack web development comprises all the layers of web development including: DevOps, front end development, backend development, and databases, employing the "12 Factor App" approach. Core technical skills taught include Python and JavaScript coding, SQL, CI/CD, RESTful architecture & HTTP, Exposing & Consuming APIs, Domain Modeling and Database Design, Web Frameworks, and Modern Javascript UIs. Students build a fully functional website, both back and front ends. Weekly virtual labs are conducted in AZURE.

Students will have a familiarity with Python or be ready to learn Python with theTutor for this course. The Tutor is paid for in the course tuition.

This class requires students to download VirtualBox (**www.virtualbox.org**). VirtualBox runs on Linux, MS Windows 10/11 and OS/X. Your computer needs to support Virtual Box with a minimum of 8 GB RAM where 4 GB are available/free. A VirtualBox image will be installed that will use approximately 24 GB of disk space. The VirtualBox image is based on Ubuntu 22.04 LTS and will be provided during first class.

39.0 Hours Fees: $1245.54

✪ CKCS 149 Python Programming

Python's elegant syntax, dynamic typing, and interpreted nature make it one of the most popular programming languages. It is used in many domains including web development, data analytics and machine learning. This course covers Python 3 programming in a practical manner. It starts with fundamental programming concepts and includes Lambda functions, Pandas, and Python libraries for Manipulating, Processing, Cleaning, Crunching, Plotting, Visualizing, Modeling and Analyzing data.

This class requires students to download VirtualBox (**www.virtualbox.org**). VirtualBox runs on Linux, MS Windows 10/11 and OS/X. Your computer needs to support Virtual Box with a minimum of 8 GB RAM where 4 GB are available/free. A VirtualBox image will be installed that will use approximately 24 GB of disk space. The VirtualBox image is based on Ubuntu 22.04 LTS and will be provided during first class.

39.0 Hours Fees: $1245.54

Computer Security and Digital Forensics

✪ CKDF 110 Computer Network Security

This course introduces fundamental concepts and notions of computer security, focusing on security threats, vulnerabilities, and available defence mechanisms. Students are exposed to ethical hacking, use of hacking methods for computer network vulnerability assessment and penetration testing. Various protection methods will be presented including auditing systems, monitoring techniques, and various Intrusion Detection Processes and technologies used for discovery of hackers and advance notice of cyber threats. Students will apply what they learn in scenario-based projects.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Knowledge of TCP/IP is recommended.

Students must have a Windows or Linux computer operating system; the Apple (Mac) operating system is not supported by this course.

Brampton Location: City of Brampton City Hall, West Tower, 41 George Street South (Room: WT-2A)

39.0 Hours Fees: $1035.83

✪ CKDF 120 Computer Cryptography and Digital Steganography

This course introduces the fundamentals of modern cryptography as related to computer security and digital forensics, including the techniques of steganography, watermarking, digital signatures, and public key cryptography. Students will learn both the theory of cryptographic protection and the practicalities of properly implementing crypto-protection in the field, as well as how forensics experts deal with encrypted information. Students will apply what they learn in scenario-based exercises and projects.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Knowledge of TCP/IP is recommended.

Students must have a Windows or Linux computer operating system; the Apple (Mac) operating system is not supported by this course.

Brampton Location: City of Brampton City Hall, West Tower, 41 George Street South

39.0 Hours Fees: $1035.83

✪ CKDF 130 Digital Forensics Systems

This course introduces digital forensics notions and techniques. Students will gain a basic understanding and legal awareness of computer security and forensics, techniques used in the evidentiary process, various methodologies intrinsic to computer forensics with emphasis on computer incident response, and IT systems protection. The importance of ethics, understanding rules of evidence, effective communications, key elements of research and seizure relative to privacy legislation will also be discussed. Students will apply what they learn in scenario-based projects.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Knowledge of TCP/IP is recommended.

Students must have a Windows or Linux computer operating system; the Apple (Mac) operating system is not supported by this course.

Brampton Location: City of Brampton City Hall, West Tower, 41 George Street South

39.0 Hours Fees: $1035.83

✪ CKDF 140 Security Architecture and Design

This course addresses security architecture and design by considering case studies. In addition, the course will survey computer security frameworks, controls and objectives, and standards and pronouncements. Methods of threat risk assessment (TRA) will be reviewed, with particular emphasis on social and human factor engineering, hacker profiling, and risk management. Security policies and procedures, enforcement, and monitoring will also be covered. Students will apply what they learn in scenario-based exercises and projects.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Knowledge of TCP/IP is recommended.

Students must have a Windows or Linux computer operating system; the Apple (Mac) operating system is not supported by this course.

Brampton Location: City of Brampton City Hall, West Tower, 51 George Street South (Room: WT-2A)

39.0 Hours Fees: $1035.83

✪ CKDF 145 Certified Information Systems Security Professional (CISSP)

The Certified Information Systems Security Professional (CISSP) certification program, offered by the (ISC)2, validates the information security professional's deep technical and managerial knowledge and experience. With a unique Canadian perspective, this course helps students prepare for the CISSP exam and covers the eight domains: Security and Risk Management, Asset Security, Security Architecture and Engineering, Communications and Network Security, Identity and Access Management, Security Assessment and Testing, Security Operations, and Software Development Security.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Knowledge of TCP/IP is recommended.

Students must have a Windows or Linux computer operating system; the Apple (MAC) operating system is not supported by this course.

Brampton Location: City of Brampton City Hall, West Tower, 41 George Street South

39.0 Hours Fees: $1035.83

✪ CKDF 150 Digital Forensics Investigation

Department Consent Required

This capstone course provides a hands-on opportunity for students to utilize what has been learned throughout the program: identifying vulnerable system resources; devising security controls, policies, and procedures within the context of a security architecture and design; selecting and deploying appropriate hardware/software controls and countermeasures to reduce exposure; and implementing a cohesive security environment which includes monitoring, feedback, and metrics. Participants will complete a practical project related to computer security and/or digital forensics.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Knowledge of TCP/IP is recommended.

Students must have a Windows or Linux computer operating system; the Apple (Mac) operating system is not supported by this course.

This course will run during the Winter break.

39.0 Hours Fees: $1035.83

Geography

☆ CGEO 106 Geographies of Everyday Life

This course examines environmental and spatial aspects of human life, primarily at the scale of the individual, the neighbourhood and the community. Specific topics to be considered include sense of place, mental maps, territoriality, community dynamics, and human impacts on the landscape.

39.0 Hours Fees: $590.98

★ CGEO 108 Geography of the Global Village

This course explores the factors that contribute to and characterize globalization. Starting with a discussion of basic ecological concepts and the impacts of the industrial revolution on current global socio-economic and environmental issues, this course examines population dynamics, quality of life indicators and the world food system, and offers new strategies to deal with environmental degradation.

39.0 Hours Fees: $590.98

☆ CGEO 110 The Physical Environment

Antirequisite: CGEO 131

In this course, the physical environment is investigated from the perspective of appreciating the natural limits that earth systems impose. Themes in climatology, hydrology, and geomorphology are examined in order to develop an understanding of how natural balances originate, and afford opportunities and constraints for a modern lifestyle. Specific topics include weather systems, water budgets, erosion by streams and waves, and the enhancement of stability in natural systems.

39.0 Hours Fees: $572.20

★ CGEO 131 Energy, Earth and Ecosystems

Antirequisite: CGEO 110

This course takes a systems-based approach to understanding the dynamics of Planet Earth and how humans interact with it. The principles, concepts, and applications of physical and environmental geography are introduced through learning about the energy that drives our ecosystems, the resources on which we depend, and the environmental challenges facing Canadian society in a global context. One component of the course is field-based.

39.0 Hours Fees: $651.49

★ CGEO 151 Location, Location, Location

Antirequisite: PLG 300

This course provides an understanding of locational processes, especially those related to business (industry, retail, office) and residential land uses by concentrating on three themes. Social diversity examines how changing demographics create changes in neighbourhood characteristics. Economic restructuring considers how economic changes impact location and make-up of economic activities. Smart growth investigates managing city growth, while still maintaining healthy environments.

39.0 Hours Fees: $651.49

★ CGEO 301 Marketing Geography

Antirequisite: GEO 302

This course addresses the spatial aspects of business decision making. Emphasis is placed on measuring the factors and assessing the methods associated with site evaluation and market area analysis.

39.0 Hours Fees: $572.20

☆ CGEO 605 The Geography of the Canadian North

The North is a unique region within Canada. Profound changes are taking place, including the economic dominance of the resource industry, the rise of Aboriginal political power, and questions surrounding Arctic sovereignty. All of these issues are underlain by the uncertainty of climate change and how best to adapt. This course will explore physical and social dimensions of the Canadian North and discuss how geographic analytical techniques can be applied to northern issues.

39.0 Hours Fees: $572.20

★ CGEO 691 Canadian Immigration: Patterns and Place

Offering a geographic perspective on Canadian immigration patterns and policies, this course examines the 'why, who and where' of Canadian immigrant experiences. There is a particular emphasis on the changes in Canada's spatial, social, and economic landscapes as a result of Canadian immigration policies over time within the context of contemporary global economics and communication technologies and the inherent complexities of pluralistic societies.

39.0 Hours Fees: $572.20

☆ CGEO 702 Technology and the Contemporary Environment

Antirequisite: CGEO 703; Not available to students in Occupational and Public Health - Occupational Health and Safety option nor Public Health and Safety option.

The contemporary world is influenced to a very considerable extent by technology. However, relationships between this technology and our environment continue to be the subject of considerable public debate. The geographic dimensions of these environmental controversies provide a convenient and meaningful framework for their analysis. In this course, both recurring and contemporary environmental issues are examined in terms of implications for North American society. GEO 702 is not available for credit to students who choose GEO 703.

39.0 Hours Fees: $572.20

NEW!

★ CGEO 705 Environment and Society in the Caribbean

This course is issue-oriented, and emphasizes the interrelatedness of historical, economic, social, and cultural phenomena from a regional perspective. The Caribbean is a region because of the shared history, production systems, location in the global economy, patterns of cultural and physical background. Within this framework, the course will focus on contemporary issues and debates relevant to understanding the regional basis and diversity of the Caribbean.

39.0 Hours Fees: $572.20

★ CGEO 720 The Inner Landscape of Culture

What does it mean to live as a member of a particular culture? This course addresses the concept of culture as both a reflection and a determinant of human experience. Examples from Canadian and global settings support an exploration of the elements and processes of culture.

39.0 Hours Fees: $648.37

☆ CGEO 793 The Geography of Toronto

Founded in 1793 on First Nations territories, Toronto is Canada's largest metropolitan area and arguably a world class city. Although Toronto may reflect some of the characteristics of Canada as a whole, it is a distinct geographical space. This course provides students with an understanding of Toronto, by examining interrelated historical, social, cultural, political, and environmental issues. Throughout the course, North American and global perspectives are considered, where appropriate.

39.0 Hours Fees: $648.37

☆ CGEO 802 The Geography of Recreation and Leisure

Antirequisite: CGEO 803

This course explores recreation and leisure from a number of perspectives. It examines the relationship between recreational choice and demographic and life-style correlates, technology, and faddism. It evaluates symbolic recreational environments and the role of natural areas. It explores many of the social and environmental costs associated with recreational development. GEO 802 is not available for credit to students who choose GEO 803.

39.0 Hours Fees: $572.20

★ CGEO 820 The Outer Landscape of Culture

This course examines the ways in which cultures express themselves through natural, built, and symbolic landscapes. The nature and significance of cultural change are considered at both regional and global scales.

39.0 Hours Fees: $648.37

NEW!

✪ CODC 910 Spatial Methods in Crime Analysis

Prerequisites: CODG 101 and CODG 102

This course will provide students with an opportunity to practice identifying crime trends, patterns, and offenders, which inform tactical and strategic operations as well as community policing programs. Students will use current Geographic Information System (GIS) and data management tools to complete lab assignments based on the main theories and research strategies used in law enforcement crime analysis today. Students will conduct analysis using crime data from publicly available datasets.

39.0 Hours Fees: $744.68

NEW!

✪ CODC 911 Crime Analytics Project

Prerequisite: CODC 910

The Crime Analytics Project is a capstone course which synthesizes the multidisciplinary foundation, established through the student's studies in the program. The project is designed to have a practical application within law enforcement and to demonstrate a comprehensive understanding of analytics. Students will be required to demonstrate an understanding that analytics are substantially more than just a tool and that there is a social responsibility associated with directed deployment-type analytical methods.

39.0 Hours Fees: $744.68

★ CODG 101 Spatial Databases and Digital Cartography

Department Consent Required

Antirequisite: CODG 100 and COGT 100

This course introduces the fundamental concepts of digital spatial databases and cartography to students enroled or contemplating enrolment in the Certificate in Applied Digital Geography and GIS. Spatial data, that is, data that are geographically referenced, are at the core of a geographic information system (GIS). The ways in which spatial data are structured in a database have enormous implications for their use and the ways in which the data are mapped have important consequences for their interpretation. This course will explore the processes of spatial data collection, input and display, and the basic geographic and cartographic principles underlying those processes. Thus it will focus specifically on the nature of spatial data, database structures, and the visualisation of digital spatial data. Both ArcGIS Pro and QGIS GIS software will be used.

For department consent please contact Dr. Raymond Garrison at rgarrison@torontomu.ca

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $690.06

★ CODG 102 Digital Geography and Spatial Analysis

Department Consent Required

Antirequisite: CODG 110 and COGT 110

This course introduces students to the geographic principles underlying the analytical capabilities of geographic information systems (GIS) and provides the 'hands-on' opportunity for students to utilize GIS for spatial analysis. Specifically, students will have experience with thematic mapping, attribute querying and spatial selection, geocoding, buffering, manipulating layers, basic topological transformations, as well as implementation issues in the workplace. At the end of this course, students should have fundamental knowledge and skills in utilizing GIS to perform a variety of analytical applications.

For department consent please contact Dr. Raymond Garrison at rgarrison@torontomu.ca

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $690.06

✪ CODG 123 Digital Geography Applications in Utilities Planning

Prerequisites: (CODG 100 or CODG 101) and (CODG 110 or CODG 102)

Geographic Information Systems provide utilities planners and managers with an array of analytical and productivity enhancing tools for managing data. In this course, practical knowledge and skills related to the understanding and use of digitally represented geographic databases are introduced. Emphasis will be given to linear networks such as gas, water, transportation, and electrical distribution facilities.

39.0 Hours Fees: $1026.74

✪ CODG 124 Digital Geography Applications in Business Decision-Making

Prerequisites: (CODG 100 or CODG 101) and (CODG 110 or CODG 102)

This course is directed at students wishing to apply digital geography and GIS solutions to business location problems. The course outlines the role of GIS in business decision-making. Topics include market area analysis, geodemographics, database acquisition and management, data mining, data quality, statistical analysis, software/hardware platforms, and georeferencing established business data.

39.0 Hours Fees: $1026.74

✪ CODG 125 Digital Geography Applications for the Municipal Professional

Prerequisites: (CODG 100 or CODG 101) and (CODG 110 or CODG 102)

The course is directed at students wishing to apply digital geography and GIS in municipal settings. The course considers GIS as mission-critical business tools for municipalities as it develops students' technical skills with GIS software. Topics include enterprise GIS, publishing and access to information, mobile GIS, data standards, governance, best practices, data dissemination issues, and municipal business solutions.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $1026.74

✪ CODG 126 Digital Geography Applications in Environmental Management

Prerequisites: (CODG 100 or CODG 101) and (CODG 110 or CODG 102)

This course is directed at students wishing to apply GIS solutions in managing the diverse data representing the natural and human environment. This course uses both theoretical concepts and hands-on GIS experience in order to provide students with the knowledge and skills necessary for effective use of GIS in environmental management.

39.0 Hours Fees: $980.49

✪ CODG 127 Digital Geography Applications in Community and Social Services

Prerequisites: (CODG 100 or CODG 101) and (CODG 110 or CODG 102)

This course explores the variety of ways in which geographic information systems (GIS) are utilized in the development and management of community and social services. Educational administrators, health professionals, police, and social agencies have come to depend on GIS for strategic planning and day-to-day operations. This course focuses on the analytical capabilities of GIS and their potential uses for the improvement of social infrastructure. For example, network analysis can be employed by social service providers to determine a new location based on public transit access and also by school boards to determine optimal school bus routes; cluster analysis can be employed by crime analysts to determine hot spots of criminal activity to increase patrols; and also by epidemiologists to identify areas of disease. Special attention is given to data issues and students will be able to enhance their knowledge and skills of Microsoft Excel and Access as well as ArcGIS Pro and QGIS software.

39.0 Hours Fees: $980.49

★ CODG 132 Customizing GIS Software: Applications Programming

Prerequisites: (CODG 100 or CODG 101) and (CODG 110 or CODG 102)

This course advances the efficient uses of spatial databases and GIS. The focus is on the refinement of the operation of GIS via customizing graphic user interfaces (GUIs), macro languaging, and scripting. Use of market-leading tools will provide the means for developing the skills required for automating spatial processing algorithms. Equivalent to GEO 541.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $690.06

✪ CODG 133 Map Algebra: Topology and Overlay

Prerequisites: (CODG 100 or CODG 101) and (CODG 110 or CODG 102)

How is information extracted from digital maps, air photographs, or satellite images? This course examines the logic and steps involved in fulfilling information needs via the manipulation of available layers from such products, using such operations as searching, selecting, sorting, regression, overlay, reclassification, cross tabulation, and other methods.

39.0 Hours Fees: $980.49

★ CODG 135 Digital Image Processing and Applications

Prerequisites: (CODG 100 or CODG 101) and (CODG 110 or CODG 102)

This course investigates the principles of remotely sensed digital data, the techniques used to process digital images, and the applications to spatial decision making. The formats of digital image data and the procedures used in image rectification and registration, image enhancement, and image classification are examined. There will be an emphasis on utilizing digital image data within a GIS. A number of specific applications within resource management, environmental impact assessment, and urban and regional planning will be undertaken to demonstrate the value of such integration in solving geographic problems. Equivalent to GEO 542.

39.0 Hours Fees: $690.06

✪ CODG 136 Web Mapping

Prerequisites: (CODG 100 or CODG 101) and (CODG 110 or CODG 102)

This course will examine Web 2.0 technologies including Google Maps, Virtual Earth, the concept of 'Mash ups', crowd sourcing, cloud computing, resource oriented architectures, all in the context of digital web mapping and online GIS analysis with respect to the neogeography movement (non-expert users). Online mapping technology will be combined with online information sources to create new ways of effectively delivering geospatial analysis. Attention will be given to developing cartographically appealing and appropriate high impact websites while optimizing usability and performance.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $1026.74

✪ CODG 210 Spatial Database Management Systems

Prerequisites: CODG 101 and CODG 102

GIS professionals often need to work with very large datasets, both within and outside of a GIS. This course examines the management of those data, from modelling geographic space in different ways appropriate for user needs, to utilizing query languages specific to spatial data, and being able to integrate data in different formats. In addressing those topics, special focus will be put on the current object-relational database model and ESRI's ArcSDE. The importance of data warehousing to spatial decision-making will also be addressed.

39.0 Hours Fees: $1026.74

✪ CODG 211 Advanced GIS Programming

Prerequisite: CODG 132

This advanced-level course is intended for students that have previous programming experience in Python and a strong interest in programming specifically for solving spatial problems. We will look at both a mainstream commercial product (ESRI?s ArcGIS Desktop) as well as numerous free open source spatial and non-spatial toolsets. Students will build upon their solid foundation in Python by working with numerous python libraries that are commonly used to integrate, customize, automate, and extend GIS technologies to meet the requirements of end users.

39.0 Hours Fees: $980.49

✪ CODG 212 Spatial Statistical Methods

Prerequisites: CODG 101 and CODG 102

This course is designed to provide GIS practitioners with a number of statistical tools that will enhance their analysis of spatially related phenomena. Three broad areas will be examined: clustering, spatial autocorrelation and spatial autoregression; interpolation using a variety of techniques including Kriging; and data mining. Each section is introduced by briefly examining standard, non-spatial statistical methods and contrasting them with the spatial techniques that will move understanding of spatial relations beyond the mere visualization to the exploration and modelling of spatial data.

39.0 Hours Fees: $980.49

✪ CODG 213 Internet GIS

Prerequisites: CODG 101 and CODG 102

This course will examine the impacts of the Internet on traditional GIS by comparing the components of a distributed GIS with the traditional desktop platform. Investigation of Internet technologies that have made Web mapping and analysis possible will prepare students to work with a variety of these technologies. The course will also focus on the important elements of Web server administration, including running, setting up, and maintaining websites using different authoring technologies.

39.0 Hours Fees: $980.49

✪ CODG 220 GIS Implementation

Prerequisites: CODG 101 and CODG 102; Student must be enroled in the Advanced Applied Digital Geography and GIS certificate.

This course is designed to provide a critical overview of the step-by-step procedures used in managing a GIS project from its inception through its development as a strategic plan to the management of its implementation. Opportunities will be provided for those working in the field to critically examine the project management approaches used within their organizations. Those who are not currently working in the GIS field will be given an opportunity to develop and carry forward a project through every step of the process as if they were acting as outside consultants in a field of their choosing.

39.0 Hours Fees: $980.49

✪ CODG 221 GIS Project

Prerequisites: CODG 101 and CODG 102; Student must be enroled in the Advanced Applied Digital Geography and GIS certificate.

This course gives students the opportunity to work in a team and to consolidate their technical and conceptual knowledge by using a Geographic Information System to solve a real-world problem. It is important that students define their project so that it can be undertaken in one term using data that are currently available. It is expected that students will use the skills developed in their specialty courses to define and carry out their analysis.

39.0 Hours Fees: $980.49

Information Technology Management

★ CITM 100 Foundations of Information Systems

Antirequisite: ITM 277

Information systems are an integral part of all business activities and careers. This course is designed to introduce students to contemporary information systems and demonstrate how these systems are used throughout global organizations. The focus of this course will be on the key components of information systems – people, software, hardware, data, and communication technologies, and how these components can be integrated and managed to create competitive advantage. Through the knowledge of how IS provides a competitive advantage students will gain an understanding of how information is used in organizations and how IT enables improvement in quality, speed, and agility. This course also provides an introduction to systems and development concepts, technology acquisition, and various types of application software that have become prevalent or are emerging in modern organizations and society.

Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

39.0 Hours Fees: $971.28

★ CITM 102 Business Information Systems

Antirequisites: CITM 100, ITM 101, ITM 277.
Not available to Business Technology Management students.

This course introduces students to the role of information technology in organizations with a focus on applying technology to achieve and maintain competitive advantage. Students will learn how information technology infrastructure and services support operational efficiency, decision-making, and digital business. Emphasis is on the development of critical thinking and analytical skills through real-life applications and case studies.

Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

Note: The online version of this course uses SAM software that must be installed on a PC: the software is not compatible with Mac computers.

Online Sections Only: These sections are offered in an online, asynchronous format except for its midterm exam and final exam, which are held on campus. Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

Note: You will have deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis. Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Your midterm and final exams will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $971.28

☆ CITM 107 Managerial Decision Making

Antirequisites: QMS 110, QMS 130

The course emphasizes how to apply various mathematical techniques in the support of managerial decisions in the various functional areas of business. It is subdivided into three major parts: part one covers the study of linear phenomena, including linear functions, matrices, systems of linear equations, linear inequalities, and linear programming; part two covers non-linear phenomena and focuses mainly on quadratic, exponential, and logarithmic functions; and part three examines probability concepts including uncertainties, conditional probability, and Bayes' formula.

Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

Online Delivery: This course is offered in an online, asynchronous format except for its final exam, which is held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

Note: You will have deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off-campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

Classroom Delivery: This course offers on-campus section(s). On-campus sections are identified in each section's detail summary as "Classroom" (and/or "Downtown" as the location). Visit **COVID-19 Updates for Chang School Students** for the most up-to-date guidance on attending on-campus classes.

39.0 Hours Fees: $782.85

★ CITM 200 Fundamentals of Programming

Prerequisite: CITM 207

This course covers the fundamental principles of object-oriented, event-driven program design and implementation in a business environment. Emphasis will be placed on logic development, program design, modularity, structured programming standards, maintainability, testing, and debugging. Specifically the course will include the following programming features: memory variables; object methods and properties; the logic constructs – sequence, branch, case and loops; simple arrays; basic file structures; validation and error handling. The course will be taught in a lecture and lab design where a GUI programming language will be used to reinforce the theoretical concepts taught in class.

Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

Online Delivery: This course is offered in an online, asynchronous format except for its final exam, which is held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

Note: You will have deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

Classroom Delivery: This course offers on-campus section(s). On-campus sections are identified in each section's detail summary as "Classroom" (and/or "Downtown" as the location). Visit **COVID-19 Updates for Chang School Students** for the most up-to-date guidance on attending on-campus classes.

39.0 Hours Fees: $730.37

★ CITM 207 Computer-Enabled Problem Solving

The course covers the basic data representation and processing constructs necessary to problem solving using computers. This includes the development of algorithmic solutions to data processing problems through the use of workflow concepts such as sequence, selection, and iteration. In addition, the course addresses fundamental problem-solving strategies such as the decomposition of data processing problems into multiple tasks whose functions are coordinated within a specified workflow. Computer simulation and/or implementation tools will be used to provide hands-on application of studied concepts using business problem solving examples.

Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

Online Delivery: This course is offered in an online, asynchronous format except for its final exam, which is held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

Note: You will have deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

Classroom Delivery:

This course offers on-campus section(s). On-campus sections are identified in each section's detail summary as "Classroom" (and/or "Downtown" as the location). Visit **COVID-19 Updates for Chang School Students** for the most up-to-date guidance on attending on-campus classes.

39.0 Hours Fees: $782.85

★ CITM 301 IT Infrastructure

Prerequisite: CITM 207 or in the two-year Business Tech. Ontario College Diploma Graduate Program

This course provides an introduction to computer hardware/software and communication networks. It gives the students the knowledge and skills that they need for communicating effectively with professionals whose special focus is on hardware and systems software technology and for designing organizational processes and software solutions that require in-depth understanding of the IT infrastructure capabilities and limitations. It also prepares the students for organizational roles that require interaction with external vendors of IT infrastructure components and solutions.

Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

This course is offered in an online, asynchronous format except for its final exam, which is held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

Note: You will have deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

The prerequisites may be waived if the student has specific professional experience. Registered certificate program students without the course prerequisites who wish to take this course, may contact the Academic Coordinator Farid Shirazi at F 2shiraz@torontomu.ca for more information.

39.0 Hours Fees: $794.02

★ CITM 305 Systems Analysis and Design

Prerequisite: CITM 100 or CITM 102 or in the two-year Business Technology Management Ontario College Diploma Graduate Program;

The course covers the key concepts, techniques, and methodologies relevant to the process of developing information systems (IS). The course focuses on the development of requirements, analysis, and design models of the system to be. The specifications of these models are done using the Unified Modeling Language (UML). In addition, the course provides a contextual coverage of the system development life cycle and select concepts of IS construction, deployment, and project management respectively.

Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

Online Delivery: This course is offered in an online, asynchronous format except for its final exam, which is held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

Note: You will have deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

Classroom Delivery: This course offers on-campus section(s). On-campus sections are identified in each section's detail summary as "Classroom" (and/or "Downtown" as the location). Visit **COVID-19 Updates for Chang School Students** for the most up-to-date guidance on attending on-campus classes.

39.0 Hours Fees: $794.02

★ CITM 315 Network Administration

Prerequisite: CITM 301

Servers and networks provide the foundation for information handling in businesses and organizations throughout the world. Effective server and network management plays a vital role in ensuring that this foundation is sound. In this course, students will learn concepts and practice hands-on skills related to network administration by exploring a popular server operating system.

Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

Online Delivery: This course is offered in an online, asynchronous format except for its final exam, which is held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

Note: You will have deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

Classroom Delivery: This course offers on-campus section(s). On-campus sections are identified in each section's detail summary as "Classroom" (and/or "Downtown" as the location). Visit **COVID-19 Updates for Chang School Students** for the most up-to-date guidance on attending on-campus classes.

39.0 Hours Fees: $713.68

★ CITM 350 Concepts of e-Business

Prerequisite: (CITM 100 or CITM 102); Antirequisite: CITM 550; Not available to Business Technology Management Students

This course explores the concepts, technology, and applications of electronic business (e-Business). It covers the technical, social, and business changes that contribute to the evolution of e-Business and its importance to today's business activities. It reviews how to develop business strategies and architectures to seize these opportunities. It explains the technological infrastructure needed to support an e-Business system and describes how these systems are built. The course also examines characteristics and examples of e-Business.

Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $713.68

★ CITM 410 Business Process Design

Prerequisite: CITM 100 or CITM 102 or in the 2-Year Business Technology Management Ontario College Diploma Graduate Program

This course introduces the principles of business process design for performance improvement. A systematic approach is used to teach students how to develop the design requirements for new business process architectures. Emphasis is placed on how to evaluate business process problems, analyze, and design business processes to ensure organizational efficiency and effectiveness when new technologies are implemented. Opportunities for process improvement are based on the business strategy, the value proposition, improvement objectives of the organization, and the implementation of of-the-shelf software systems (eg. ERP, CRM, SRM). This course is intended to develop students' understanding of, and competence in the use of appropriate methods, tools and techniques of process analysis and design for organizational improvement. To ensure the development of the necessary competencies, students will work on a case study and use state-of-the-art business process frameworks, analysis and design methodologies and appropriate software tools to analyze, simulate, and design the business process solutions.

Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

Online Delivery: This course is offered in an online, asynchronous format except for its final exam, which is held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

Note: You will have deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

Classroom Delivery: This course offers on-campus section(s). On-campus sections are identified in each section's detail summary as "Classroom" (and/or "Downtown" as the location). Visit **COVID-19 Updates for Chang School Students** for the most up-to-date guidance on attending on-campus classes.

39.0 Hours Fees: $794.02

★ CITM 430 System Design and Implementation

Prerequisites: CITM 200 and CITM 305 or in the 2-Year Business Technology Management Ontario College Diploma Graduate Program

This course builds on ITM 305 and is intended to provide students with skills and competencies necessary for technical design, implementation and testing of business applications in O-O technologies. This course is based on the Object Oriented Model Driven Architecture method of system development. The UML Modelling Language will be used along with O-O software tools such as Enterprise Architecture and MDG Link to ensure platform independent designs. This course includes a design and development project in which students will implement and test a business application in O-O technologies.

Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

39.0 Hours Fees: $713.68

★ CITM 500 Data and Information Management

Prerequisite: CITM 200 or in the 2-year BTM Public Ontario College Diploma Graduate Program Antirequisite: CCPS 510

This course provides the students with an introduction to the core concepts in data and information management. It is centred around conceptual data modeling techniques, converting the conceptual data models into relational data models and verifying its structural characteristics with normalization techniques. The course will include coverage of basic database administration tasks and key concepts of data quality and data security. Building on the transactional database understanding, the course provides an introduction to data and information management technologies that provide decision support capabilities under the broad business intelligence umbrella.

Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

Online Delivery: This course is offered in an online, asynchronous format except for its final exam, which is held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

Note: You will have deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

Classroom Delivery:

This course offers on-campus section(s). On-campus sections are identified in each section's detail summary as "Classroom" (and/or "Downtown" as the location). Visit **COVID-19 Updates for Chang School Students** for the most up-to-date guidance on attending on-campus classes.

39.0 Hours Fees: $794.02

★ CITM 501 Prescriptive Analytics and Simulation

Prerequisite: CQMS 210 or CQMS 202 or QMS 204 or in the 2-year Business Technology Management Public Ontario College Diploma Graduate Program

This course provides an overview of prescriptive analytics and simulation techniques important to developing solutions to business problems. This course will take a problem-driven approach to developing students' skills in applying decision trees, decision tables, linear programming, and Monte Carlo and discrete event simulation techniques applied to real-world problems. Students will be required to do problem formulation, develop applications and implement problem solutions using industry-standard software tools.

Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

39.0 Hours Fees: $713.68

★ CITM 600 Data Communications Network Design

Prerequisite: CITM 301

This course will provide students with an understanding of how telecommunications networks are designed and deployed to support e-commerce, multimedia, and web-centric business applications. Network planning concepts, network analysis, network design tools, and techniques are introduced. The objective of this course is to understand the design and analysis of data communications networks through the introduction of case studies and practical network design methodologies. The course will cover industry-standard applications for emergent infrastructure technologies.

Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

Online Delivery: This course is offered in an online, asynchronous format except for its final exam, which is held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

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On-campus exam requirement:Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off-campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

Classroom Delivery: This course offers on-campus section(s). On-campus sections are identified in each section's detail summary as "Classroom" (and/or "Downtown" as the location). Visit **COVID-19 Updates for Chang School Students** for the most up-to-date guidance on attending on-campus classes.

39.0 Hours Fees: $767.93

★ CITM 610 Database Administration

Prerequisite: CITM 500

This course covers the Database Administration (DBA) role for large-scale relational databases. It specifically will deal with the following: the approach to the installation and upgrading of software and utilities; techniques for the allocation of the database to physical devices and directories; the creation of user authorities and controlling access to data and resources; management of data storage; analyzing database performance and implementing procedures for optimizing performance; procedures for the backup and recovery operations.

Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

On-campus exam requirement:Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off-campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $713.68

☆ CITM 618 Business Intelligence and Analytics

Prerequisites: [(CITM 207 or CITM 200) and (CQMS 102 or CQMS 210)] or in the two-year Business Technology Management Ontario College Diploma Graduate Program

This course provides an introduction to business intelligence and analytics, defined as the extensive use of data, statistical and quantitative analysis, exploratory and predictive models, and fact-based management to drive decisions and actions. The development and use of data warehouses and data marts, and the application of selected data (including text and web) mining techniques to business decision making is illustrated. Students actively participate in the delivery of the course through case and project presentations.

Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

On-campus exam requirement:Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off-campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $713.68

★ CITM 706 Enterprise Architecture

Prerequisites: CITM 410 and ITM 415

This course focuses on business analysis, organizational processes, enterprise architecture, and security/risk management. This course explores the design, selection, implementation, and management of enterprise business processes from the perspectives of IT capabilities. These capabilities are typically organized and presented as enterprise architecture, consisting of high-level internally compatible representations of organizational business models, data, applications, and information technology infrastructure. Students will learn frameworks and strategies for infrastructure management. They will hone their ability to communicate technology architecture strategies concisely to a general business audience.

Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

Online Delivery: This course is offered in an online, asynchronous format except for its final exam, which is held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

Note: You will have deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement:Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off-campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

This course requires the use of Sparx Systems software. Students will have access to a free version of this software through the course.

39.0 Hours Fees: $712.80

☆ CITM 707 Strategy, Management and Acquisition

Prerequisite: CITM 706 or in the 2-year Business Technology Management Public Ontario College Diploma; Available only to Business Technology Management Degree students

This course explores the issues and approaches in managing the information systems function in organizations and how the IS function integrates / supports / enables various types of organizational capabilities. It takes a senior management perspective in exploring the acquisition, development and implementation of plans and policies to achieve efficient and effective information systems. The course addresses issues relating to defining the high-level IS infrastructure and the systems that support the operational, administrative and strategic needs of the organization. The remainder of the course is focused on developing an intellectual framework that will allow leaders of organizations to critically assess existing IS infrastructures and emerging technologies as well as how these enabling technologies might affect organizational strategy. The ideas developed and cultivated in this course are intended to provide an enduring perspective that can help leaders make sense of an increasingly globalized and technology intensive business environment.

Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

On-campus exam requirement:Your final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off-campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the **Exams for Online Courses** webpage.

39.0 Hours Fees: $713.68

★ CITM 711 Cloud Computing

Prerequisite: CITM 301

Antirequisite: ITM 703

This course will provide a comprehensive coverage on the concepts, architectures and technologies of cloud computing from a business perspective. It provides a deep-down analysis of architectures and mechanisms that capture the real-world of cloud platforms. It dives into all of the details that organizations need to know in order to plan for developing applications on cloud and what to look for when using applications or services hosted on a cloud.

Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

Online Delivery: This course is offered in an online, asynchronous format except for its final exam, which is held on campus.

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39.0 Hours Fees: $713.68

★ CITM 750 IS Project Management

Prerequisite: CITM 305

Antirequisites: CGMS 450, CPS 714

This course provides students with a more in-depth understanding of the tools and techniques of project management as it applies to IT-enabled process improvement projects. The ability to plan and execute projects successfully is consistently ranked among the most important skills among information technology professionals. The course is based on the industry-standard Project Management Body of Knowledge (PMBOK) and provides cutting-edge techniques for project planning, scheduling, budgeting, human resources, quality, procurement, communication, and risk management.

Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

Online Delivery: This course is offered in an online, asynchronous format except for its final exam, which is held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

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Classroom Delivery

This course offers on-campus section(s). On-campus sections are identified in each section's detail summary as "Classroom" (and/or "Downtown" as the location). Visit **COVID-19 Updates for Chang School Students** for the most up-to-date guidance on attending on-campus classes.

39.0 Hours Fees: $713.68

★ CITM 820 Information Systems Security and Privacy

Prerequisite: CITM 301

Antirequisites: ITM 420, CCPS 633

This course considers the technical, operational, and managerial issues of computer and network security in an operational environment. Industry best-practices relating to computer security including schemes for breaking security, and techniques for detecting and preventing security violations are the core focus of this course. This course will also explore the principles of data privacy, threats to privacy, international and national policy, particularly related to privacy-enhancing technologies as they apply to the management of information systems and e-Business.

Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

Online Delivery: This course is offered in an online, asynchronous format except for its final exam, which is held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

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39.0 Hours Fees: $639.59

NEW!

CZIT 200 Blockchain Architecture and Applications

This course focuses on key elements of blockchain architecture: what blockchain is, how it works, and its applications in different industries. The course covers different concepts such as public-key cryptography, mining, hashing algorithms, and different consensus algorithms. Students will gain practical knowledge of platforms available to design a block-chain-basedframework and know how to distinguish between private

and public blockchain. Applications, such as how blockchain is used in Cryptocurrencies, supply chains, and healthcare, are discussed

39.0 Hours Fees: $731.65

✪ CZIT 427 Data and Info. Mgmt for Privacy

This course will give students an understanding of the concepts, terminology, and issues related to data and information management in the context of access and privacy. Students will be introduced to theories, standards, and techniques underlying information management programs and practice that will enable them to communicate with practitioners from a variety of information management related disciplines.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

39.0 Hours Fees: $752.66

Robotics and Embedded Systems

✪ CKRE 110 Digital Logic and Hardware Architecture

This course provides the core knowledge and competencies of logic design, Boolean algebra, and essential Verilog and VHDL statements describing behavioural functions such as counters and other finite state machines. Participants master the ASIC design flow from examples of logic and circuit design analysis, computer abstractions, and performance metrics.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $1035.83

✪ CKRE 120 Programming Robotics Systems

Embedded software is found in today's electronic and robotic devices. This hands-on course introduces and then augments participants' knowledge of C programming, including the embedded language features required for robotics and embedded systems programming. The course expands participants' competencies in embedded systems programming, including practical, hands-on, in-class programming activities.

It is recommended students take CSCI 130 and have C programming experience prior to taking this course.

39.0 Hours Fees: $1035.83

✪ CKRE 130 Embedded Systems Hardware Architecture and Implementation

This course provides a broad overview of robotics and embedded systems architecture. Students will gain a working and practical knowledge of embedded hardware, firmware, and applications. The course covers concepts pertaining to current embedded technology as it exists in the industry today, including many diagrams and applicable computer code.

39.0 Hours Fees: $1035.83

✪ CKRE 140 Real-Time Embedded Systems Programming

This course will introduce and explore the programming language and operating systems facilities essential to the implementation of real-time, reactive, embedded, robotic, and/or networked systems. It will provide the knowledge of practical system issues raised from design and programming. Differentiated issues arising from design, concurrent, reactive, safety-critical, and embedded systems will be explored in depth. Simple hands-on development is facilitated with an embedded system development kit.

It is recommended students take CSCI 130 and have C programming experience prior to taking this course.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $1035.83

✪ CKRE 150 Emerging Issues in Robotics and Embedded Systems

This capstone course course will allow participants to synthesize and apply what they have learned to robotic or embedded device design, device building, and implementation. Participants will analyze selected case scenarios and best practices when building their embedded device product. The final work project allows participants to demonstrate a broad mastery of learning across the curriculum and to hone their ability to employ specific strategies that incorporate best practices and meet regulatory requirements. The work project and resulting embedded device product may be used by the participant for career portfolio purposes.

This course may be taken as individualized study/directed reading; please contact the Academic Coordinator Alex Ferworn at aferworn@torontomu.ca prior to enroling.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

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39.0 Hours Fees: $1035.83

★ CSCI130 Mobile Robotic Devices Embedded Systems

This course provides applied learning in inventing and programming mobile robotic devices (e.g., cell phones, drones) with embedded or electronic systems. Students engage in hands-on mobile robotic device embedded systems applications and invention through the planning and execution of mobile robotic device systems development, facilitated with mobile robotic kits for embedded system development. This course also provides project management process flow-throughs on planning and executing mobile robotics and embedded systems devices.

Previous experience with C is strongly recommended. In lieu of this experience, knowledge of object-oriented languages, such as C# or C++, would also be helpful.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

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39.0 Hours Fees: $762.83

LATER LIFE LEARNING

ACT II STUDIO

❖ CSAC 101 Introduction to Acting I

Discover the joy of acting in a playful, relaxed, and supportive environment. You'll stimulate your imagination, awaken your senses, develop your listening skills, and learn about stagecraft.

Instructor: Clara McBride

15.0 Hours Fees: $248.50

❖ CSAC 102 Introduction to Acting II

Prerequisite: CSAC 101

Discover the actor's basic tools for bringing text and characters to life, with a special session devoted to movement, breath, and voice.

Instructors: Clara McBride

15.0 Hours Fees: $248.50

❖ CSAC 106 Monologues: The Basics

Learn the building blocks for a solid emotionally-connected monologue. Class limit: eight students.

Instructor: Jimi Shlag

12.0 Hours Fees: $212.27

❖ CSAC 109 Introduction to Clown

Antirequisite: CSCC 900

The clown touches on your most authentic self and is the basis of all acting. Discover your personal clown through games, improvisation and intuitive exercises meant to evoke a sense of fun. Learn to become keenly aware of your environment and develop an honest response to your impulses. Learn to interact with your audience with openness.

Instructor: Vrenia Ivonoffski

The instructor will have some noses for sale or bring your own.

12.0 Hours Fees: $238.51

❖ CSAC 114 Introduction to Scene Study

Prerequisite: CSAC 102 or CSAC 106

Breathe life into text! Using David Mamet's *The Duck Variations* we'll analyze the text and explore motivation, character, structure, rhythm, and how to make interesting choices.

Instructor: Vrenia Ivonoffski

12.0 Hours Fees: $212.27

NEW!
CSAC 136 Scene Development

An intermediate level course in scene study. You will learn to build and sustain character within a scene and deepen your ability to listen to and react with scene partners. You will also learn memorization tools and hone your ability to live truthfully in imaginary circumstances.

Instructor: Clara McBride

12.0 Hours Fees: $212.27

NEW!
CSAC 148 Musical Comedy

This class is for those who would like to combine their acting chops with some singing. Participants will divide into small ensembles, (duets, trios, etc.) and work on a number from a Broadway show. You will work the music with Rigzin while building the scene to present to an audience. A questionnaire will be sent out in advance to choose the music so that we can hit the ground running on day one!

Instructor: Rigzin Tute

15.0 Hours Fees: $278.58

❖ CSAC 151 Playwriting Basics

We'll explore the basic elements that work together to create a dramatic and compelling stage play. Using in-class writing exercises and readings, we will examine the essential components that make up dramatic storytelling: structure, character, style, dialogue, and conflict.

Students should enrol at least one week before the start date and will receive an email with information on preparing for the first class.

Class limit: 20 students

Instructor: Beverley Cooper

6.0 Hours Fees: $116.16

❖ CSAC 156 Playwriting I

Prerequisite: CSAC 151

You will be guided, in a supportive environment, to apply the fundamentals of playwriting to writing a 10-minute play – a great template for longer work. Through discussion and writing exercises we will get the creative juices flowing. We'll cover story lines, character development, dialogue, and scene shaping. This course is suitable for playwrights at all levels. Class limit: 12 students.

Instructor: Beverley Cooper

15.0 Hours Fees: $278.58

NEW!
❖ CSAC 173 Production: An Introduction

Take "Production: An Introduction" to learn the fundamentals of stage design and technical management. The first two parts will touch on the creative team conversations and the tools that the set, costume, lighting, sound, and projection designer have to produce an effective design. The second two parts will focus on the practical conversations of the Production Manager and Technical Director who are responsible for the balancing time, money, people, and safety to ensure productions fit within a theatre's resources.

Instructor: Daniel Bennett

12.0 Hours Fees: $238.51

❖ CSAC 181 Italian Comedy

Prerequisite: CSAC 102

Discover the lighthearted, broad comedy of the Commedia dell' Arte. We'll work on the physical characterization of the stock characters with traditional masks and comic routines (lazzi). This course will help you develop more precision, a stronger more focused physicality, and broader movement vocabulary.

Instructor: Vrenia Ivonoffski

9.0 Hours Fees: $185.50

❖ CSAC 190 Introduction To Neutral Mask

This course will take you on a powerful journey of physical self discovery. You will experience how to move in an authentic, energized, and intentional way, devoid of personal character traits and physical noise which can interfere with your acting. This course will help you find a calm, joyful, and centred core from which to work.

Instructor: Vrenia Ivonoffski

Please wear comfortable, solid coloured (preferably black) clothes you can move in.

9.0 Hours Fees: $185.50

NEW!
CSAC 208 Heightened Monologues

Discover how to find ease and emotional connection speaking text not written in our common everyday language. In this course, we will dig into high-stakes monologues that abandon everyday text in favour of heightened or stylized language. We'll explore how this language acts as a springboard for the actor, allowing them to truthfully embody the extreme emotional circumstances of the character.

Instructor: Nicole Wilson

12.0 Hours Fees: $238.51

NEW!
CSAC 222 Introduction to Voice Over Performance

This course is designed to give participants a basic understanding of voiceover. From animation to audiobooks, and everything in between, we will explore how our voice can set us apart, how we can best care for our instrument, and the many ways we can use our unique sound for work.

Instructor: Hayden Finkelshtain

Change of date for the first course only - March 4th will be from 1:30-3:30.

10.0 Hours Fees: $222.28

❖ CSAC 240 Acting Without Text

Prerequisite: CSAC 102 or CSAC 106

This course will attune actors to the truth that lies within their bodies and underneath the cover of words. It will awaken the notion that we are full of humanity and that humanity is expressed most often truthfully through the body and not words. Words can often obfuscate, not reveal. They can mask us rather than connect us. Through games, exercises, and scenarios we will foster awareness, curiosity and play in our bodies and act!

Instructor: Jimi Shlag

12.0 Hours Fees: $238.51

NEW!
CSAC 260 Writing from Varying Perspectives

This course looks at writing from perspectives that extend beyond one's own personal experience. Together, we'll look at the conventional wisdom of "writing what you know" and participants will engage in candid discussions regarding the ethical considerations and responsibilities associated with representing unfamiliar perspectives. Through writing exercises and reading plays that portray identities that transcend the writer's own, students will investigate the fine line between imagination and experience. The course provides a supportive environment for writers to explore writing from varying perspectives, develop community, and receive constructive peer feedback.

Instructor: Zahida Rahemtulla

12.0 Hours Fees: $238.51

❖ CSAC 261 Acting in Commercials I

This is an intensive study of different commercial acting styles with the correct vocal approach. Simulated on set experience will be broken down shot by shot. We will work on maintaining continuity while shooting out of sequence and scoring and hitting the mark.

Instructor: Graham Orwin

15.0 Hours Fees: $298.44

❖ CSAC 263 Focus on Film I

Prerequisite: CSAC 169

Build on your on-camera skills with short classic film scenes. We'll focus on script work, and performance consistency. Class limit: 12 students.

Instructor: Graham Orwin

15.0 Hours Fees: $278.58

NEW!
CSAC 266 Film Favourites: Monologues

This online course gives students the opportunity to perform a monologue from one of their favourite films. Explore how and why these monologues capture our attention as you take on these characters. This will be a fun, "Jump In and Just Do It" acting class. The process will focus on personal choices and honest performances. There will be a public showing of the work at the end of the course.

Instructor: Sean Carthew

All levels of experience are welcome.

12.0 Hours Fees: $238.51

NEW!
CSAC 267 Auditioning and Industry

A course for anyone wanting to act outside of school. Through a mix of short lectures and lots of hands-on, practical, performance work, participants will learn about the entertainment industry (film, voice, and theatre), and begin to think about how they can best position themselves for success within it. Participants can expect to come away with a basic understanding of actor representation, unions, and industry standards for auditions, while also having worked and performed several mock auditions for their peers. This course is going to prioritize confidence building.

Instructor: Hayden Finkelshtain

15.0 Hours Fees: $298.44

CSAC 281 Italian Comedy Scenes

Using short scenes by Goldoni, Moliere, Gozzi, and others, we will bring the stock characters and situations of the Italian comedy to life. Scenes will be performed at the December matinee. Limited to 10 students.

15.0 Hours Fees: $298.44

NEW!
CSAC 283 Scene Study and Improvisation: Status

Performers, and the characters they portray, experience status relationships with their environment, with the text, the story, and with every other character in the scene. This course invites students to examine and engage with the dynamic shifting of these status roles through improvisation and short scene work. We endeavour to identify what inherent qualities status relationships involve, such as power, control, admiration, and devotion. To be transformed, we learn to embrace the joy of letting go.

Instructor: Clara McBride

15.0 Hours Fees: $298.44

❖ CSAC 306 Comedy Monologues

Prerequisite: CSAC 106

Discover the challenges of comedy - structure, timing, and characterization. Each participant will prepare, for performance at one of the Matinees, one monologue selected from a range of genres from the comedy of manners of Oscar Wilde to the corrosive satire of George F. Walker. Class limit: eight students.

Instructor: Sarah McVie

15.0 Hours Fees: $238.51

NEW! CSAC 308 Advanced Monologues

Discover how to find ease and emotional text while working on big monologues. In this course we assume you have done some work on monologues in the past and we discover new and exciting ways to open up the text. We will look at how to make bold but truthful choices that are informed by the whole play. We will work to find your connection to the character to allow for more personal vulnerability in your acting.

Instructor: Nicole Wilson

12.0 Hours Fees: $238.51

❖ CSAC 310 The Art of Storytelling

Storytelling is the very foundation of theatre. A powerful genre on its own, it can open up new approaches for play creation and performance. In this course, you will learn the basic techniques of storytelling: the elements of an engaging story and how to tell it well.

Instructor: Lynn Torie

15.0 Hours Fees: $278.58

NEW! CSAC 311 Movement and Gesture in Storytelling

Movement and Gesture in Storytelling will use various movement traditions to explore the possibilities of using physical gesture to augment storytelling performance. Through a series of exercises and tasks, students will be able to use a wide range of gestural strategies to extend their storytelling practice. Students will primarily be working with their own personal story archive and exploring how they can use physical gesture to create a personal and physically grounded storytelling persona.

Instructor: Rubena Sinha

15.0 Hours Fees: $278.58

CSAC 315 Advanced Scene Study

This scene study will offer the actor participants an opportunity to engage in small group scenes with an eye to applying the techniques previously explored in the Uta Hagen Workshops I and II. Participation in one or both of those workshops would be beneficial but is not required. Basic script analysis and rehearsal techniques will also be a fundamental part of the work. Scenes will be chosen from contemporary plays TBA.

Instructor: Diana Reis

18.0 Hours Fees: $345.46

❖ CSAC 320 Poetry Cabaret

Hone your ability to respond to heightened language, find a character and situation, and tell a story with intention, image, and action moment by moment in the concentrated medium of poetry. We'll read aloud and explore poems together. You'll select a poem to memorize and perform. Before the first class, you'll receive a package of poems with an invitation to send one of your own choice from the past 100 years. Class limit: eight students.

Instructor: Aaron Willis (Fall), Kate Lushington (Winter)

Participants will receive a selection of poems in advance and must choose one of the poems to have memorized for the first class. Poems will be performed at a special Poetry Cabaret.

12.0 Hours Fees: $199.23

NEW! CSAC 330 The Directing Project

In this course you will focus on the practicalities of the end-to-end directing process. You will explore directorial vision, planning, and scheduling a realistic and clear rehearsal plan. Other course objectives include leading a space and working with actors, holding auditions, and designing lighting, and sound. This course will culminate in the directors showcase in March 2024. This will be a fully staged production of the short plays on which you have been working.

Instructor: Nicole Wilson

12.0 Hours Fees: $238.51

CSAC 345 Uta Hagen Workshop I

Prerequisites: RTA 104 or BPM 202

We'll work through a series of acting exercises developed by the renowned 20th century acting teacher and actor, Uta Hagen, to root the actor more deeply in their character and situation. Those who have worked on several scenes and/or monologues, performed a few times and work with a process would benefit most from this class. Class limit: 12 students.

Instructor: Diana Reis

18.0 Hours Fees: $358.38

CSAC 346 Uta Hagen: Methodology and Practice Workshop

This Section I course offers students the opportunity to explore and practice specific acting exercises designed by legendary actor and acting teacher Uta Hagen. It is founded in the understanding that "Acting is Doing". The purpose of these exercises is to deconstruct the acting process allowing the performer to focus on individual aspects of the actor's craft. There are no prerequisites. There will be a public sharing of the work at the end of the class to present the work in progress.

Instructor: Diana Reis

18.0 Hours Fees: $358.38

NEW! CSAC 347 Uta Hagen: Methodology & Practice Workshop II

This Section II course continues to offer the opportunity to explore and practice specific acting exercises designed by legendary actor and acting teacher Uta Hagen. It is founded in the understanding that "Acting is Doing". The purpose of these exercises is to deconstruct the acting process allowing the actor to focus on individual aspects of the actor's craft. While the course builds on the work begun in CSAC 346, there are no prerequisites. There will be a public sharing of the work at the end of the class to present the work in progress.

Instructor: Diana Reis

18.0 Hours Fees: $358.38

NEW! CSAC 348 Uta Hagen: Methodology and Practice Workshop III

Prerequisite: CSAC 346 OR CSAC 347

Building on the work begun in CSAC 346 and 347, Section III of the Hagen series continues to explore and practice specific acting exercises designed by legendary actor and acting teacher Uta Hagen. It is based on the understanding that Acting is Doing and that our work as actors in a play is Intention Based within the Given Circumstances. This course coalesces the previously explored individual exercises into an over-all understanding of how an actor finds an active, truthful, and theatrically interesting connection to the play. It will include partnering and text analysis. There will be a public sharing of the work at the end of the class to present the work in progress.

18.0 Hours Fees: $358.38

NEW! CSAC 350 Comedy Writing for Sketch and Narrative

An introduction to sketch comedy and narrative writing, this sampler course will cover premise development and its growth into full sketches and even toward fuller screen and stage plays. Students will tackle satire, situation, rhythm, and more to hone in on their unique comedic voices. We will also jump into improvised writing exercises to surprise ourselves and look towards narrative structuring from a sketch comedy foundation.

Instructor: Becky Johnson

15.0 Hours Fees: $298.44

NEW! CSAC 394 Expressionist Theatre Scenes

Prerequisite: You must take both CSAC 394 and CSAC 395 to be a part of the May production of Machinal.

In-depth text analysis and play study, with on-your-feet physical work for the Act II Studio production of Machinal, by Sophie Treadwell in May.

Instructor: Nicole Wilson

24.0 Hours Fees: $338.25

NEW! CSAC 395 Expressionist Theatre Performance

Prerequisite: CSAC 394. You must take both CSAC 394 and this course to be a part of the May production of Machinal.

In-depth study and rehearsal leading to public performances of Machinal, by Sophie Treadwell with full production values.

Instructor: Nicole Wilson

24.0 Hours Fees: $338.25

NEW! CSAC 404 Shakespeare: King Lear

Hate Shakespeare? Love Shakespeare? Get to know the Bard better! Embark on a journey through the textual codes that guide the actor. A fascinating course guaranteed to change forever how you approach the printed word. There will be a group trip to the Stratford Festival to see their 2023 production of *King Lear* after the course.

Instructor: Tim Welham

15.0 Hours Fees: $298.44

CSAC 413 Being the Story

Sharpen the creative lens to your story through alternative perspectives. Step inside the heart of your story. Explore story through re-imagining mythologies and creating new ones. Find your personal style and voice as a storyteller.

Instructor: Diana Tso

15.0 Hours Fees: $298.44

NEW! CSAC 417 Advanced Scene Study: Contemporary Plays

Using contemporary texts, this course will foster risk-taking and playfulness and embrace the unknown, the uncomfortable, and the unpredictable that lies between two people forced to engage with each other, and in that uncertainty, we will learn to STAY and from that place ACT.

Instructor: Jimi Shlag

15.0 Hours Fees: $278.58

CSAC 434 Introduction to Standup Comedy

This course focuses on teaching the ingredients professional comedians use to make an audience roar with laughter. It's designed to give folks the knowledge and confidence to write, develop, and perform on stage, or even multiply the laughs they get from storytelling at a party. Via comedy writing exercises, tips, and advice, the participants will learn how to properly organize their ideas and turn them into premises, to turn their premises into jokes and jokes into a five-minute hilarious routine.

Instructor: Martha Chaves

15.0 Hours Fees: $298.44

NEW! CSAC 453 The Creative Process of Writing for Theatre

There are so many things that go into the act of writing and rewriting a play. It's an intellectual process. It's an intuitive process. The class provides exercises to wed both the intellectual and intuitive elements of writing and to ignite and unite the conscious and unconscious pathways to discovery and fulfilment of ideas. What questions facilitate the rewriting process? What impulses and curiosities stimulate the expressive process?

Instructor: Sheldon Rosen

15.0 Hours Fees: $298.44

❖ CSAC 482 Improvisation: Embodied Character

Through physical improvisation and movement exercises, this course will explore how to truthfully embody character, emotion, and circumstance. We'll think with our bodies to access and release the physical impulse. Short texts will also be used as tools for breaking ingrained physical and performative patterns. This course will be a playful investigation of the ways your bodies can enhance your acting.

Instructor: Clara McBride

12.0 Hours Fees: $238.51

NEW! CSAC 519 Advanced Scene Study: John Patrick Shanley

Shanley's works explore elements of estrangement, reconciliation, and redemption among others. We will live with blue-collar workers, struggling artists, and disillusioned dreamers, guided by ever-present necessity to personalize our work with our own life's experience. We will foster risk-taking and playfulness and embrace the unknown, the uncomfortable and the unpredictable that lies between two people forced to engage with each other, and in that uncertainty, we will learn to STAY and from that place ACT.

Instructor: Jimi Shlag

15.0 Hours Fees: $278.58

CSAC 530 Acting and Directing with Matthew Jocelyn

This class will use as its base material two of Harold Pinter's most iconic plays, *The Homecoming* (1964) and *Betrayal* (1978), two plays dealing with relational manipulation, through very different time frames and social contexts. This course will allow us to engage in fundamental questions about both acting and directing theatre from this period. Combining student directors and student actors with total generational flexibility, we will begin by reading the plays together and selecting scenes to be worked on from both a directorial and an actor's perspective, examining style, relationship, rhythm etc. Student directors will be responsible for directing chosen scenes under the guidance of the instructor. Students are expected to arrive having previously read both plays. No accents required!

Instructor: Matthew Jocelyn

This course is geared to both Acting and Directing students.

24.0 Hours Fees: $362.73

CSAC 560 The Artistic Discovery Series

Prepare to uncover your artist under construction! This course focuses on discovering a sense of freedom, and curiosity in your approach to creativity. We work to foster a collaborative and safe setting to grow artistically in a community setting, and incorporate group discussion and exercise work, as well as independent project work.

Instructor: Cindy L. Macaulay

12.0 Hours Fees: $238.51

NEW! CSAC 561 Actor as Artist I

This course facilitates students to explore their personal uniqueness. Acting is not only technique but also artistic expression that translates through the artist and out to the world. Through exercises in writing, visual art, and personal exploration students articulate their values, curiosities, and the voices that stop them from full expression in life and their art. They experience the compassion, humanity, and bravery needed to bring fictional characters to life.

Instructor: Anna MacKay-Smith

Recommended reading: *The War of Art* by Steven Pressfield

18.0 Hours Fees: $358.38

NEW! CSAC 656 Rewriting Your Play

Rewriting is where the craft of playwriting begins. The class will help you understand the questions you need to ask yourself in order to move your early drafts into a finished, fully realized play. And in-class reading to demonstrate the process of getting the words off the page and transforming a literary process into a dramatic unfolding. The class will include exercises designed to fulfill the dramatic potential of what you've written. "The Art of Dramatic Writing" by Lajos Egri will be an optional text.

Instructor: Sheldon Rosen

18.0 Hours Fees: $358.38

NEW! CSAC 660 Next Generation Showcase - Changing Faces

The Next Generation Showcase is a well-known program dedicated to showcasing and supporting acting talent in their journey toward success in the Film and Theatre industry. The Showcase provides a platform for professional members of the industry to be introduced to new talent. This course will prepare students for the Showcase with their newest category: Changing Faces. Students are required to come to class prepared with two different pieces already memorized. Upon registration, they will be given resources to help find and choose what monologue interests them most.

Instructor: Lara Arabian

12.0 Hours Fees: $238.51

NEW! CSAC 661 Next Generation Showcase - Changing Faces - Self Tapes

In this second section, students will complete the work developed in CSAC 660 by creating the self-tapes that will be submitted to the Next Gen Changing faces category. They will be supported through the process to ensure the highest quality recorded performances that will be accessible to agents, artistic directors, casting directors, producers, and other industry representatives. Students will also be invited to the dynamic weekend experience filled with panels, workshops, and networking opportunities in January.

Instructor: Lara Arabian

9.0 Hours Fees: $185.50

NEW! CSAC 670 A Master Class with George F. Walker

This course will be your opportunity to work with George F. Walker on: the theatre. All of it – writing, directing, producing, auditioning, and acting. In a collaborative environment, you and your instructor will get to know one another, try things out, and develop your own curriculum in a space without judgment. A selection of the instructors' new plays will be available for the process.

Instructor: George F. Walker

21.0 Hours Fees: $390.84

NEW! CSAC 706 Creative Clown Intensive

Geared to both experienced clowns and beginners, this class takes you back to the basic techniques and focuses on unlocking the imaginative world of clown in a LIVE setting! We will explore listening, the clown's inner monologue, clown logic, and more. There will be a short public presentation at the end of the class. If you are an actor looking to add to your toolbox and access a deeper truth in your work, this course is also for you.

Instructor: Annie Lockerbie-Newton

25.0 Hours Fees: $475.78

CSAC 722 Directing For Zoom

Prerequisite: CSAC 127

How do you tell an authentic story when your stage is a series of black boxes? Taking a scene from page to zoom, you'll learn how to help actors develop their relationship to the screen, the world of the play and the audience beyond, directing the actor's focus and use of objects in perspective. Select two 3-5 minute scenes to send to your instructor before class begins.

Class limit: 12

Instructor: Aaron Willis

12.0 Hours Fees: $238.51

Caring Clown

❖ CSCC 900 Caring Clown I

Caring Clown offers students a foundation of knowledge and skills in basic clowning. Games and improvisational exercises are designed to develop spontaneity, physicality, and a playful approach in order to foster an exploration of each student's personal clown. This course is part one of a three-part series leading to volunteer opportunities in a Long-Term Care Home.

This is an intergenerational course and is open to learners of all ages.

25.0 Hours Fees: $238.51

❖ CSCC 910 Caring Clown II

Prerequisite: CSAC 109 or CSCC 900

This course focuses on the understanding and practice of clowning techniques used in therapeutic facilities, with emphasis on long-term care homes. Included are the development of clown character and role playing practice for individual and small group clowning. Also included are the history, ethics, and principles of Caring Clown and therapeutic humour; information related to aging, dementia, and other chronic illnesses and the care facility environment.

21.0 Hours Fees: $315.94

❖ CSCC 911 Caring Clown Practicum

Prerequisite: CSCC 910

This practicum continues the work begun in CSCC 910, by giving students opportunities to gain practical experience as Caring Clowns in various long-term care homes. Students will clown with individual and small groups of residents in designated units. Students will submit a written journal outlining their experiences and learning. A final one-hour interview with the academic coordinator completes the Caring Clown program. Upon successful completion, students will have opportunities to volunteer in long-term care homes. (Formerly CSAC 911.)

This course is part of the Caring Clown program.

17.0 Hours Fees: $103.61

Health and Wellness

CSHW 200 Mindful Movement at Home

Drawing from the practices of mindfulness and yoga, as well as the Alexander Technique and pilates, this course will help you develop a holistic approach to self-care in your home. You will build and maintain resilience in your body, mind, and spirit – especially during stressful times, improve your strength, flexibility, balance, and body awareness, move with less tension and pain, and engage in activities with ease and enjoyment.

Instructor: Esther Cieri

4.0 Hours Fees: $129.95

Media Arts

NEW!
CSMA 200 Four Women Filmmakers: A viewing and discussion series

What is a women's film? This course will look at four women filmmakers Bigelow, Campion, Polley and Ackerman – all extremely successful, globally-awarded writers and directors to see if the tools they employ, the narrative themes they explore, and the more subtle aspects of their craft – use of music, editing, casting, and art direction – reflects back to their female sensitivities and their experience of being women in a man's world.

Instructor: Alexandra Anderson

The following films will be viewed and discussed: Chantal Ackerman *(Jeanne Dielman, 23 quai du Commerce, 1080 Bruxelles* named "the greatest film of all time" by the British Film institute in 2022) Kathryn Bigelow (*The Hurt Locker* – Academy Award for Best film 2010) Jane Campion (*Power of the Dog* —Academy Award Best Director 2022) Sarah Polley (*Women Talking* – Academy Award Best Adapterd Screenplay 2023)

12.0 Hours Fees: $163.85

NEW!
CSMA 250 Travel and Street Photography Basics

This introductory course will offer photographers of all levels the opportunity to learn about the broad genres of street and travel photography, and gain confidence taking pictures in public places. Through lectures and feedback sessions, students will acquire techniques and strategies to refine their visual language and create compelling imagery on the fly. The emphasis will be on skill development through creation; assignments throughout the course will provide hands-on practice.

Instructor: Amanda Large

Minimum equipment requirement: cell phone camera.

12.0 Hours Fees: $163.85

Personal Interest

❖ CSPI 353 Great Gardens of the World

Travel to Italy, France, and England to enjoy some of the world's great gardens. Great Gardens takes us from the ruins of Emperor Hadrian's magnificent Roman Villa to the exquisite gardens created by painter Claude Monet at Giverny outside of Paris. We'll enjoy the garden at Sissinghurst, home and garden of British novelist, poet and lifelong gardener Vita Sackville-West and her husband, diplomat and diarist Harold Nicholson. As well as film-maker Derek Jarman's incredibly different garden at Prospect Cottage near the Dungeness Nuclear Power Station.

Instructor: Jeffrey Canton

6.0 Hours Fees: $139.05

CSPI 820 Pandemic Fiction: The World seen through A Covid Lens

This course looks at four novels that explore different ways of trying to understand the pandemic including Gary Shteyngart's comic novel *Our Country Friends*, Lauren Groff's *Matrix* and Sarah Hall's *Burncoat* which use an historical lens to look at our contemporary struggle and Sequoia Nagamatsu's Science Fiction novel *How High We Go in the Dark*.

The Fall 2022 section of this course includes a class on Thursday, October 13, 2022

4.0 Hours Fees: $92.04

CSPI 821 Politics and Prose: The World According to Ali Smith

Ali Smith began her Seasonal Quartet of novels in 2016 with the intention of publishing a book a year that would respond to the social and political situation of the UK post-Brexit. But everything began to change in the winter of 2019 with the COVID crisis. This course looks at Smith's four novels, *Autumn, Winter, Spring* and *Summer* and it's coda, *Companion Piece*, to look at how she used fiction to respond to the isolation, fear, and social upheaval that Britain and the world face with Brexit, the Refugee Crisis, and COVID.

4.0 Hours Fees: $92.04

MICROCREDENTIAL

Microcredential

NEW!
CURV840 Secure and Responsible Tech Policy

Apply a secure and responsible technology (SRT) framework to conduct critical, principles-based analysis of a relevant technology policy issue faced in a professional context.

8.0 Hours Fees: $349.00

NEW!
CURV883 Project Management for Non-Project Managers - Risk Management

Create a risk register to accurately identify, assess, and document internal and external project risks.

8.0 Hours Fees: $349.00

NEW!
CURV884 Project Management for Non-Project Managers - Change Management

Design a process of change document to monitor and track change requests in a project.

8.0 Hours Fees: $349.00

NEW!
CURV890 AI for Reports

Use publicly available generative AI tools to build reports for use in a workplace.

8.0 Hours Fees: $349.00

NEW!
CURV891 AI for Data Analysis

Use publicly available generative AI tools to perform analysis of a simple dataset to produce work-related insights.

8.0 Hours Fees: $349.00

NEW!
CURV892 AI for Productivity - AI for Presentations

Use publicly available generative AI tools to build presentations for use in a workplace.

8.0 Hours Fees: $349.00

NEW!
CYMC 850 Querying Relational Databases Using MySQL

This microcredential provides the opportunity to assess your ability to use MySQL to query a relational database, and if successful, receive formal recognition for your ability with a Toronto Metropolitan University digital credential. You will be evaluated by an expert assessor to confirm you can do the following: design and execute a MySQL query, comment and justify use of selected keywords and clauses, and display proper order of execution.

6.0 Hours Fees: $349.00

NEW!
CYMC 851 Data Preparation with Python

Explore, clean, and transform data analytically using Python libraries.

9.0 Hours Fees: $349.00

NEW!
CYMC 852 Data Preparation with R

Explore, clean, and transform data analytically using R libraries.

9.0 Hours Fees: $349.00

NEW!
CYMC 860 Making Word Documents Accessible

This microcredential will assess your ability to: evaluate Microsoft Word documents for missing or improperly implemented accessibility elements, use features in Microsoft Office to apply accessibility fixes, remediate document accessibility issues (e.g. structure and layout, colour and contrast, images, hyperlinks, tables and charts, and reading level and legibility), and follow a logical order of operations to ensure accessibility.

7.0 Hours Fees: $349.00

NEW!
CYMC 861 Web Accessibility Auditing and Reporting

This microcredential assesses your ability to conduct web accessibility audits and reports. Individuals that successfully complete the assessment will receive formal recognition with a Toronto Metropolitan University digital credential. You will be evaluated by an expert assessor to confirm you can do the following: perform a web accessibility audit, produce a web accessibility report according to standard reporting formats, and implement the relevant tests, tools, and strategies for the context/situation when evaluating web accessibility.

8.0 Hours Fees: $349.00

NEW!
CYMC 862 Making PDFs Accessible

Are your digital documents accessible? Do they meet the Accessibility for Ontarians with Disabilities Act (AODA) standards that need to be fully implemented by 2025? This microcredential will assess whether you are able to identify potential accessibility issues in PDF documents using Adobe Acrobat Pro, and remediate them to optimize accessibility and usability.

6.0 Hours Fees: $349.00

NEW!
CYMC 870 Everyday Ransomware Prevention - Safe Browsing Practices

Prevent a ransomware attack in a hybrid work environment using safe browsing practices.

6.0 Hours Fees: $349.00

NEW!
CYMC 871 Everyday Ransomware Prevention - Safe Network Practices

Prevent a ransomware attack in a hybrid work environment by enabling defense mechanisms on devices (for example, laptop, phone, tablet, smart watch).

8.0 Hours Fees: $349.00

NEW!

CYMC 872 Everyday Ransomware Prevention - Safe App Practices

Prevent a ransomware attack in a hybrid work environment through routine checks and monitoring of apps and tools installed on a device (for example, laptop, phone, tablet, smart watch) to ensure protections are in place.

8.0 Hours Fees: $349.00

NEW!

CYMC 880 Project Management for Non-Project Managers - Stakeholder Management

Develop a stakeholder management strategy which effectively identifies and plans for various stakeholder interests and expectations.

8.0 Hours Fees: $349.00

NEW!

CYMC 881 Project Management for Non-Project Managers - Planning and Scheduling

Develop a project plan and schedule to effectively document the actions required to reach your goal.

8.0 Hours Fees: $349.00

NEW!

CYMC 882 Project Management for Non-Project Managers - Cost Management

Use standard project management tools and techniques to conduct cost planning and estimating.

8.0 Hours Fees: $349.00

PUBLIC AND NONPROFIT SECTORS

Fundraising Management

✪ CVFM 201 Operations of Fundraising

Students will systematically examine the thinking and preparation needed to develop the infrastructure in support of effective fundraising. Topics all relate to the fund development process and include sound financial management practices, including accounting, budgeting, reporting, and accountability; policies; development and evaluation of a strategic fundraising plan; and the critical elements of a well-configured database. Drawing on case studies, readings, and research, students will apply the knowledge acquired to real life situations.

39.0 Hours Fees: $733.90

✪ CVFM 202 Donor Centred Fundraising

Students will explore critical and emerging issues in the charitable sector: donor-centred fundraising trends and techniques; donor stewardship and recognition; developing a culture of philanthropy; ethics and professionalism; and diversity, social media, and new trends in donor engagement. Drawing on research, readings, and case studies, students will analyze issues that will inform current and future fund development practices.

39.0 Hours Fees: $733.90

NEW!

✪ CVFM 205 Data Analytics for Fundraising

This hands-on course is designed to provide an understanding of how charities can use data to make informed decisions. Students will go through a journey that will introduce them to data analytics principles and methodologies and gain insight into how this knowledge can help find solutions for many of the challenges facing today's nonprofits.

39.0 Hours Fees: $733.90

NEW!

✪ CVFM 304 Fundraising Strategies & Practices

This course explores all of the different ways donors can contribute to a charity. Topics covered include direct mail and annual giving programs, major gifts and fundraising campaigns, planned giving, and other forms of philanthropic investments. Students will also learn about campaign development, evaluation, stewardship best practices, fundraising volunteer recruitment, and other effective fundraising tools.

39.0 Hours Fees: $733.90

Nonprofit

★ CINP 900 Understanding the Nonprofit Sector

This course provides students with insight into the origins and the ideological, social, political, legal, and economic contexts of the nonprofit sector. It explores the complexity, diversity, challenges, and opportunities through topics including: the scope and nature of the sector; the development of the sector; the role of nonprofits; the changing political, funding and legal environment; forces for change such as social innovation, social finance and social impact, data and technology, and public perceptions.

This course is offered as a fully online and asynchronous course, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

In addition, the course may be offered as a Classroom course. This course will meet in-person each week on Toronto Metropolitan University (TMU) campus. The dates and times of the classroom course are noted in the course listing. Classroom courses meet in-person for three hours once a week for 12 weeks, plus the exam.

39.0 Hours Fees: $588.90

★ CINP 901 Effective Nonprofit Organizations

The course provides students with an understanding of the principles and practices of effective development and management of nonprofit organizations in a dynamic environment. It explores the legal foundation for nonprofit and charities, organizational structure, governance, leadership, strategy, human and financial resource management, accountability, organizational change, and adaptation.

This course is offered as a fully online and asynchronous course, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

In addition, the course may be offered as a Classroom course. This course will meet in-person each week on Toronto Metropolitan University (TMU) campus. The dates and times of the classroom course are noted in the course listing. Classroom courses meet in-person for three hours once a week for 12 weeks, plus the exam.

39.0 Hours Fees: $588.90

★ CINP 902 Evaluation for Nonprofits

Antirequisites: CINT 900, CPPA 402, CSWP 932

Evaluation is an important tool for accountability, learning, and improvement. This course focuses on developing the knowledge and skills to plan evaluations that make a positive difference. It looks at evaluation

from the perspective of the evaluator and the nonprofit organization that commissions the evaluation. Topics include the benefits and challenges of evaluation; ethics; types of evaluations; logic models; data collection and analysis; roles and relationships; performance monitoring; reporting and communication of findings.

This course is offered as a fully online and asynchronous course, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Classroom/Online option: In addition, the course may be offered as a hybrid course (Classroom/Online). The hybrid course has online course content that students move through week by week (asynchronously). In addition, there are three full day Saturday sessions (in-person) with the instructor on campus at Toronto Metropolitan University (TMU). The dates and times for the in-person classes are listed in the course details.

39.0 Hours Fees: $588.90

★ CINP 910 Strategic Planning for Nonprofits

Developing a compelling vision, agreeing on priorities, and setting measurable objectives is difficult but essential in the complex nonprofit environment. This course teaches students the importance of thinking strategically. It includes: understanding strategy in changing environments; leadership; the planning process including mission statements, environmental analysis, stakeholders, data, roles, strategy development, implementation planning and management; planning in partnerships and collaborations; and developing RFPs.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

CINP 911 Advocacy and Gov't Relations: Nonprofits

Nonprofit organizations need to develop relationships with different levels of government, join with coalitions and partners, and engage communities to raise awareness and advocate for system change. This course provides students with an understanding of the public policy process and the legal and political environment for advocacy. Topics include understanding the environment; developing an advocacy plan; working through coalitions, alliances and collaborations; communications and social media; evidence and data; effective government relations strategies.

39.0 Hours Fees: $588.90

★ CINP 912 Marketing for Nonprofits

Antirequisite: CMKT 100

When a nonprofit organization understands its many audiences and employs effective marketing approaches, it can achieve positive results including increased funding and donations, motivated staff and volunteers, informed clients, greater public support, and influence. This course provides an overview of how marketing strategy supports and drives the nonprofit mission. Students learn about the role of marketing in organizational strategy and explore topics related to branding, competition, social media, market research, evaluation, ethics, and inclusion.

39.0 Hours Fees: $588.90

★ CINP 913 Leadership in Nonprofits

Antirequisites: CMHR 640, CMHR 650, CPPA 501

Societal transformations demand different approaches to leadership in nonprofit organizations. This course provides knowledge and tools to support strong leadership necessitated by economic and political restructuring, blurring boundaries between sectors, technology, demographic change, and demands for accountability and transparency. Topics include leadership theory; profile of nonprofit leadership; leading diverse and multi-generational teams, projects, and partnerships; leading organizational and system change, including change strategies, managing change, overcoming resistance, culture change; and directions for future nonprofit leadership.

39.0 Hours Fees: $588.90

★ CINP 914 Diversity in Nonprofits

Antirequisites: CINT 905 and SWP 924

The challenges facing nonprofits today require management, staff, and volunteers to collaborate in increasingly diverse organizations and communities. This course will explore perceptions of diversity, roles and relationships, and conflict and change. It will apply that understanding to the development, leadership, and management of nonprofit organizations by looking at leadership, culture, and team building, human resource practices, organizational policies and processes, governance, communication, and accountability.

39.0 Hours Fees: $588.90

★ CINP 915 Financial Management for Nonprofits

Antirequisite: CPPA 303

It is essential for those working in the nonprofit sector to understand the financial context for the operation of nonprofit and charitable organizations and their programs, initiatives, and enterprises. Students will gain a working knowledge of the concepts, practices and tools associated with budgeting, financial reporting, financial oversight, resource management, financial planning, tax issues, performance measurement, and risk management. The course will provide an opportunity to apply the learning in assignments, discussions and activities.

This course is offered asfully online and asynchronous course, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Classroom/Online option: In addition, the course may be offered as a hybrid course (Classroom/Online). The hybrid course has online course content that students move through week by week (asynchronously). In addition, there are three full day Saturday sessions (in-person) with the Instructor on campus at Toronto Metropolitan University (TMU). The dates and times for the in-person classes are listed in the course details.

39.0 Hours Fees: $588.90

★ CINP 916 Nonprofits on the Global Stage

This course investigates the changing and expanding role of International Non-Governmental Organizations (INGOs) in service provision, community and capacity building, policy development, and advocacy, all at the global level. The course examines INGOs with particular emphasis on the diversity of organizations, the types of activities in which they are engaged, and how their structures and their political and other activities have combined to increase their role on the global stage.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

★ CINP 920 Critical Issues in the Nonprofit Sector

Prerequisites: CINP 900 and CINP 901 and (CINP 902 or CINP 915)

This course offers students opportunities to identify and explore current issues relevant to the nonprofit sector. It presents students with a chance to examine critical issues like sector name and size, the implications of socio-economic and demographic change, changing trust and perception, and blurring boundaries and changing relationships with the public and private sectors. Students will conduct research in areas of their interest, apply theory to practice, and contribute to discussions that explore the critical issues.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $588.90

Politics and Public Administration

★ CPOG 100 People, Power and Politics

This course provides a critical introduction to the main themes in the study of politics, including state-building, nationalism, ideology, democracy, participation, development, security, and globalization. We focus on the interrelated struggle for power and justice that lies at the heart of politics, raising questions crucial to informed, engaged citizenship: How do we define the "common good?" Who should wield power and why? How should power be shared? How should we resist the misuse of power?

39.0 Hours Fees: $641.07

★ CPOG 110 Power and Influence in Canadian Politics

Antirequisites: POC 180 and POL 102 and CPPA 120

This course offers an introduction to the processes that underpin Canadian politics and democracy. Against a backdrop of civic participation, the course focuses on the central components of Canadian politics: voting, elections, parties, the media, and interest groups. Topics may include consideration of Indigenous peoples, French-English relations, political culture, regionalism, gender, sexual and ethnic diversity in Canada's political process. (Canadian)

39.0 Hours Fees: $581.59

☆ CPOG 417 Canadian-American Relations

Prerequisite: POG 210 or POG 240 or (POL 101 and POL 102) or CPPA 120

This course provides a comparative analysis of US and Canadian politics and of international relations between the two countries. To this end, it explores the comparative history and political cultures of the two countries; the institutions of their respective political systems; elections, political parties and voting; regionalism; federalism; public policies; and specific Canadian-American issues like free trade, climate change, national security and the war against terrorism, Arctic sovereignty, and other current topics. (Canadian)

39.0 Hours Fees: $572.20

★ CPOG 424 Human Rights and Global Politics

Prerequisite: ACS 402 or POG 225 or POG 315 or CPOL 208 or CPOL 540 or CPPA 125

Should universal human rights be considered a global norm? Or should concerns of national sovereignty and cultural pluralism take precedence? Discourses of human rights are powerful and ubiquitous and are used in many varied and complex ways in the contemporary world. This course will examine the historical emergence of human rights discourses in the West, their institutionalization, and their deployment in the contexts of the Cold War and the war on terror. A range of theories, critiques, and contemporary debates about human rights will be explored. (Global)

39.0 Hours Fees: $572.20

☆ CPOG 444 Politics, Media and Technology

Prerequisite: one POG, POL or PPA course

The mass media has transformed how societies communicate about, and perceive, political ideas. This course examines the interplay of media, technology and politics, discussing such topics as the relationship between print and the rise of modern democracy; the impacts of television on contemporary politics, especially election campaigns; and the emerging political influences of the Internet and social media. The course will also analyze the structure of ownership of global media systems and its impact on international communications. (Comparative)

Students who do not have the prerequisite but have completed any introductory POG course, or any UPPER level Politics Liberal Studies elective, should contact Viola Ing at ving@torontomu.ca or Alyssa Adams at alyssa.adams@torontomu.ca for permission to enrol.

39.0 Hours Fees: $572.20

☆ CPOL 128 Politics and Film

Films often mirror society in both intentional and unintentional ways. Some are overtly political, some reflect changing values and some are made purely for entertainment. This course will reflect on the various political perspectives which enable students to critically assess films. It will assess the role films play in reinforcing or debunking stereotypes. These themes will be examined in the context of the film industry in Canada and internationally.

39.0 Hours Fees: $590.98

☆ CPOL 208 Globalization and World Politics

Antirequisites: ACS 402, POG 225

This course examines political conflict, and instability in world politics. What are the political consequences of globalization? Why is nationalism and ethnic intolerance on the rise? What explains the eruption of political unrest and war? These issues are explored through current examples of political upheaval around the world. (POL 208 is not available for credit to students who choose POG 225.)

39.0 Hours Fees: $590.98

☆ CPOL 501 Women, Power and Politics

Antirequisite: POG 442

What is the relationship among women, power, and politics in our contemporary society? How are women influencing the output of our political systems, particularly the policies that affect the lives of women and children? This course provides an introduction to the political, cultural and social factors that affect women's participation in decision making, and asks if the representation gained to date has made a difference and, if so, where do we go from here?

39.0 Hours Fees: $580.54

☆ CPOL 507 Power, Change and Technology

How does technology shape society? How does it shape us? On what basis are decisions made in a technological society? What type of future will modern technology create? Who is in control? This course will examine these questions and the impact of technology on cultural, economic and political life in modern society. The political implications of future developments in reproductive and biotechnologies, global communications, automation, etc. will be evaluated.

39.0 Hours Fees: $572.20

☆ CPOL 540 Issues in Third World Politics

This course examines the 'Third World' and the structures of domination from colonization to the contemporary neoliberal order. The focus is on issues of global inequality, gender, ethnic, racial and religious inequality, human security, development and democracy, and the interventions of global and regional institutions. The course will also examine whether social and political movements in the Middle East, Asia, Latin America, and Africa offer hopes to advance struggles for democracy and global justice.

39.0 Hours Fees: $565.95

★ CPOL 607 Politics of Technology and Globalization

This course examines the role of technology within a global context. What will it mean to be part of a global audience, work in a global factory, shop in a global supermarket, be governed by a world government? Can technology help to solve problems of environmental depletion and pollution? What role does technology play in escalating militarism around the world? Can technology reduce the gap between the rich and the poor within nations and between nations?

39.0 Hours Fees: $572.20

☆ CPOL 620 Sports and Politics

How does sport reflect major social, economic, and political changes? How have scholars used sporting events as well as athlete performance data to test and advance theories from the social sciences? In this course we will look at both of these questions by examining society and politics through the lens of sports, on the one hand, and using sports data to test theories from political science, psychology, and economics, on the other.

39.0 Hours Fees: $590.98

★ CPPA 101 Cdn Public Administration I: Institutions

This course looks at contemporary public administration in democratic society. It is examined in light of alternative methods of organization, including that of the private sector, as well as our fundamental requisites for democracy, such as the rule of law. It also examines the role of the machinery of government in maintaining the public system of administration as it undergoes contemporary attempts to restructure the role of the state under the ongoing demands of its leaders and citizenry. (Formerly PPA 322.)

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $608.72

★ CPPA 102 Cdn Public Administration II: Processes

Prerequisite: CPPA 101

This course introduces the process of leading and managing the public sector in Canada with an emphasis on the problems of political and administrative accountability. Students are introduced to the structure and process of policy formulation, implementation, and evaluation; as well as to topics in intergovernmental relations; and the impact of public-private partnerships. The prime foci are the budgetary process, issues in personnel management and the drive for economies and efficiencies; government regulation, and e-government. (Formerly PPA 422.)

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $608.72

★ CPPA 120 Canadian Politics and Government

Antirequisites: POC 180, CPOG 110, POG 210, POL 101, POL 102

In analyzing Canada's federal political system, this course assesses the ideas, interests, and institutions that help define the limits of both state and societal power. It will provide students with a clear understanding of the workings of the system of governance guiding their everyday lives as citizens and as professionals. Topics include political culture and ideas; the social and economic context; and the constitutional and institutional mechanisms of governance. (Formerly POL 302, POL 332.)

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $608.72

★ CPPA 121 Ontario Politics and Government

Antirequisite: POG 310 (formerly PPA 522)

The Government of Ontario plays a central role in the lives of Ontarians, taking responsibility for such things as health, education, transportation, and municipal governments. It is also a major player in the economies of the province and the country. This course examines the structure and operation of the Ontario government, as well as the ideological, economic, social, and political forces at work in the making and operating of the government.

39.0 Hours Fees: $608.72

★ CPPA 122 Local Politics and Government

Antirequisites: POL 123, POG 410

This course examines the structures that influence local government decision-making. A significant amount of the material will draw from the Greater Toronto Area (GTA); however, relevant examples from other jurisdictions within Canada will be discussed. Weekly topics include: the history of local/municipal government, democracy versus efficiency, urbanization, political and administrative structures, finance, sustainable cities, and the role of major stakeholders such as business, labour, and citizens groups in the municipal arena.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $608.72

★ CPPA 124 Indigenous Politics and Governance

Antirequisites: CRM 400 and POG 440

This course examines the social, political, legal, and historical context of Indigenous peoples in Canada and their political mobilization. Through an exploration of key challenges, flash points, and current issues, the course will foster a better understanding of Indigenous efforts around self-government, nation-building, recognition/implementation of Aboriginal and treaty rights, land claims, and the socio-economic gap that disadvantages Indigenous peoples in Canada.

39.0 Hours Fees: $608.72

★ CPPA 125 Rights, Equity and the State

Antirequisite: POG 315

This course provides a critical examination of how the State manages the issue of human rights. It explores the development of human rights through the Charter of Rights and Freedoms; the Canada Human Rights Act; provincial codes; landmark judicial rulings; and the impact of United Nations conventions, covenants, and declarations on Canadian state practices. Students are encouraged to situate an understanding of human rights issues within a broader social, political, economic, and public administration framework.

This section of the course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $608.72

★ CPPA 211 Public Policy

Prerequisite: CPOG 100 or (POL 101 and POL 102) or CPPA 102 or CPPA 120

Antirequisite: POG 214

This course offers both a thematic and a practical introduction to the Canadian public policy-making process, beginning with the context in which ideas, institutions and interests inform public policy. With the use of a variety of contemporary social, economic, and environment policy cases, the course examines the process by which public policy is formulated, implemented, and evaluated - including its success rate. Lastly, the changing nature of, and contemporary challenges to, policy making are explored. (Formerly PPA 623.)

39.0 Hours Fees: $608.72

★ CPPA 235 Theories of the State

This course examines major theoretical perspectives on modern industrial states, including pluralism, neoliberalism, Marxism, and feminism. An effort is made to relate each perspective to relevant political issues of the day. In the final section of the course a number of thematic issues are considered from the perspective of state theory such as the role of social movements in shaping state policies and the impact of globalization on democracy and the viability of the nation-state. (Formerly PPA 525.)

39.0 Hours Fees: $608.72

★ CPPA 301 Administrative Law

Antirequisite: PPA 702

This course examines the statutory and regulatory basis of Canadian public administration. The course explores existing techniques of control of delegated power and their role in influencing conduct. It analyses the regulatory function of administration, as well as the institutional and procedural characteristics and practices of administrative tribunals and judicial review. (Formerly PPA 629).

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $608.72

★ CPPA 303 Public Budget Policy/Politics

Prerequisite: CPPA 102

Antirequisite: CINP 915

This course examines the administrative challenges that surround public sector budgetary processes. Key policy theories will be examined at all levels of government, as will the roles of relevant political and bureaucratic players. The rigours of accountability will be scrutinized. Other topics may include ethics, procurement, taxation. and debt. Practical exercises in analyzing budgetary information relevant to public and parapublic organizations will be included. (Formerly PPA 600.)

39.0 Hours Fees: $608.72

★ CPPA 319 Politics of Work and Labour

This course examines how labour, employers, and government interact to regulate how Canadians work. Students will acquire an enriched understanding of the employment environment in their career field. An historical context is first established to explain the evolution of work, unions and government labour policy in Canada. The course then examines the legislative framework before exploring such controversial employment issues as union organising, public sector collective bargaining, strikes, minimum wage, overtime, and health and safety issues. (Formerly POG 319.)

39.0 Hours Fees: $608.72

★ CPPA 333 Research Methods in Public Administration

Antirequisites: CACS 401, CRM 204, CECN 129, EUS 402, GEO 361, CPOG 230, CPSY 411, CQMS 102, SOC 411

This is a one-semester course utilizing both lecture and lab experience. No familiarity with the fundamental elements of research or statistics is assumed. The course gives students of public administration the practical methods needed to statistically describe and analyze phenomena and to present those results. Emphasis throughout the course is on practical uses and application of these techniques, rather than on their mathematical derivations. (Formerly PPA 524.)

39.0 Hours Fees: $608.72

★ CPPA 401 Collaborative Governance

Prerequisite: CPPA 102 or POG 210

Antirequisite: CPPA 701

This course examines the expanding use of "partnerships" between government and other agents, both public and private, in the delivery of "public goods". Challenged by fiscal pressures and demands for more involvement in policy-making and delivery of services, governments have experimented with new mechanisms ranging from integrated procurement to networked regulation. This course will consider the ideological drivers, management practices, and consequences of these new administrative arrangements on governance, public administration, and democracy. (Formerly PPA 601.)

39.0 Hours Fees: $608.72

★ CPPA 402 Program Planning and Evaluation

Prerequisite: CPPA 102

Antirequisites: CINP 902, CINT 900, CSWP 932

When governments choose to intervene in a policy area, they create programs. This course examines the process by which planning and evaluation of government programs takes place and explores the various methods that are used to determine whether programs are achieving their objectives. Programs in a broad range of areas will be examined, including health, criminal justice, education, welfare, environment, housing, poverty, and development. (Formerly PPA 602.)

39.0 Hours Fees: $608.72

★ CPPA 403 e-Government

Prerequisite: CPPA 102 or CPOG 100

Deployment of information and communication technologies (ICTs) in public administration has influenced the state's internal operations, modes of service delivery, and interactions between the state and society. The course examines e-government policy, e-administration, e-service, and e-democracy. It also investigates key challenges e-government faces: privacy and security, digital divide, and legal infrastructure. (Formerly POG 413.)

A prerequisite may be waived if the student has specific professional experience. Students registered in the Certificate in Privacy, Access, and Information Management who do not have the prerequisite and wish to take this course may contact the Program Director Michael Carter at wmcarter@torontomu.ca for more information.

39.0 Hours Fees: $608.72

★ CPPA 404 Issues in Public Administration

Prerequisite: CPPA 102

Antirequisite: CPPA 704

This course responds to key issues in today's rapidly evolving public sector. Students will examine key issues in Canadian and comparative context. Using applied and theoretical reading, class discussions, case studies, and presentations from guests who are experienced practitioners at all levels of government, the course emphasizes issue analysis in the context of public sector change and reform. Consequently, the issues covered by this course will change from year to year. (Formerly PPA 604.)

39.0 Hours Fees: $608.72

NEW!

☆ CPPA 411 Advanced Public Policy

Prerequisites: CPPA 211, CPOG 214

This course assumes knowledge of the policy-making process, both domestic and comparative. It focuses on current challenges in public policy, including "wicked" problems to which policy responses are sought by society and political decision-makers. This course will emphasize more advanced theoretical and methodological underpinnings and tools of policy analysis. The global and interconnected nature of public policy will be examined through the use of selected cases.

39.0 Hours Fees: $608.72

★ CPPA 414 Comparative Public Policy

Prerequisite: POG 214 or CPPA 211

Antirequisite: CPPA 700

Contemporary public policy is inherently comparative in nature. Policy advisors, decision-makers, and citizens are increasingly exposed to the policies of other jurisdictions. They are also increasingly prone to use this information to settle policy disputes. Comparisons of several countries and policies are used in order to better understand the nature of policy making in general. These countries and policies may vary from year to year in order to study current policy issues.

39.0 Hours Fees: $608.72

★ CPPA 425 Intergovernmental Relations

Prerequisite: POG 210 or (POL 101 and POL 102) or CPPA 102 or CPPA 120

Antirequisite: POG 416

This course examines both the formal and informal relations between the federal and provincial governments of Canada, as well as the effect these relations have on Canadian politics and public policies. Themes include national unity and regional diversity, elite decision making and democratic participation, the Aboriginal question, Quebec separation, and the effects of federal/provincial turf wars on social, environment, and economic policies and programs. The course culminates in a 1st Minster's Conference simulation. (Formerly PPA 650.)

39.0 Hours Fees: $608.72

☆ CPPA 490 Public Administration Themes

Prerequisites: CPPA 102 and CPPA 211 and CPPA 333

This course will explore selected themes chosen by the instructor through applied and theoretical reading, class discussion, and presentations from guests who are experienced practitioners at all levels of government. The themes will vary according to the instructor, but will focus on particular challenges to public administration and governance. Please consult the department for further information.

39.0 Hours Fees: $608.72

★ CPPA 501 Public Sector Leadership

Prerequisite: CPPA 404

Antirequisites: CINP 913, CMHR 640

This course examines the particularities of leading in the public service at all levels. Topics include executive leadership, mid-level leadership, relations with politicians, accountability, answerability, ethics, and responsibilities. Focused on the Canadian experience, the course will scrutinize the experience of other jurisdictions. This is the final course in the PAL Certificate. Undergraduates should only attempt this course upon completion of 7/11 program courses at Level 3.

39.0 Hours Fees: $608.72

SOCIAL SCIENCES AND HUMANITIES

Arts and Contemporary Studies

★ CACS 100 Ideas That Shape the World I

Antirequisite: ACS 104

This course examines ideas shaping the contemporary world and arguments that invigorate and challenge our sense of what it means to live as an individual, citizen, and member of a complex, multifaceted, volatile global society. The focus is on these issues as they have arisen in a Canadian context; it studies the contribution of Canadian thinkers to global debates; and it challenges students to articulate their own responses to central issues of the contemporary experience.

39.0 Hours Fees: $590.98

Caribbean Studies

★ CCRB 100 Introduction to the Caribbean

Antirequisite: SYC 183

This course will focus on the similarities in historical development of the different societies in the Caribbean region and the common institutional structures and challenges that persist, despite the diversity of language and culture, race, ethnicity, and religion. The course will examine the relationship between physical resources and social, economic and political developments within the colonial and neocolonial context and the resulting systems of inequality.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $572.20

★ CCRB 500 Families in the Caribbean

The Caribbean region is composed of peoples from different geographic and cultural areas of the world. This course will explore the major historical influences which define the present diverse structure and composition of families within the Caribbean region. It will examine how these structures have changed in response to globalization, the declining influence of religion, shifts in migration, changes in economic conditions and state policies, and in gender, race, and ethnic relations.

Note: For more information about the Certificate in Caribbean Studies, visit **www.torontomu.ca/ce/caribbean**.

39.0 Hours Fees: $572.20

★ CCRB 501 Racism and Caribbean Peoples in Canada

The immigration of Caribbean peoples to Canada will be analyzed within the context of Canadian immigration laws and practices, labour market demands, and institutional responses to racial and ethno-cultural diversity. The major focus of the course will be on the establishment and growth of the Caribbean population in Canada, including employment, business and settlement patterns, changes to family structure, development of Caribbean organizations and community development activities, and issues of systemic and individual racism.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $572.20

★ CCRB 502 Cultural Traditions in the Caribbean

This course analyzes the evolution and social significance of cultural traditions in the Caribbean, leading to an understanding of contemporary popular traditions. The course examines the ethnic, racial, and cultural diversity of the area, as a source of distinct cultural traditions; the impact of foreign influences; and the export of Caribbean cultural forms to the international area.

Note: For more information about the Certificate in Caribbean Studies, visit **www.torontomu.ca/ce/caribbean**.

39.0 Hours Fees: $572.20

Criminology

★ CCRM 100 Introduction to Canadian Criminal Justice

This course introduces students to the administrative and institutional components of the Canadian criminal justice system and the principles that govern it. The course will be organized around the police, courts, correctional systems, and will take a critical approach to both the formal principles of justice as they apply to this system, as well as how they are woven into the process at various stages. (Formerly JUS 300.)

39.0 Hours Fees: $590.98

☆ CCRM 101 Understanding Crime in Canadian Society

Antirequisite: CCRM 102

This course provides students with practical and theoretical knowledge to think critically about crime and the social response to it in Canada. Students will learn how to analyze and theorize about crime and criminalization. The course will conclude with a detailed analysis of one or more specific crimes in order to apply the concepts and materials presented throughout the term. CRM 101 is not available for credit to students who choose CRM 102.

39.0 Hours Fees: $590.98

★ CCRM 102 Introduction to Criminology

Antirequisite: CCRM 101

This course provides a foundation for the theoretical, conceptual and policy considerations related to crime and justice in Canada. Students will be introduced to the main theoretical approaches to understanding crime (classical, positivist, and critical theories), and the various ways in which each has shaped criminal justice policy in Canada. These issues will be brought together through an in-depth analysis of one or two current topics.

This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $590.98

★ CCRM 200 Criminal Law

Prerequisite: CCRM 100 or (LAW 534 and in Law and Business or Law and Business Co-op program); Antirequisite: LAW 400

Students are introduced to the basic concepts and substance of the criminal law in Canada. The historical and theoretical foundations of criminal law, elements of an offence, and criminal defenses are considered. The role of criminal law in society, and its intersection with other forms of social regulation are highlighted. This course is not a technical legal course in criminal procedure; rather, it provides students with basic knowledge of criminal law in Canada.

39.0 Hours Fees: $590.98

★ CCRM 300 Policing in Canada

Prerequisites: CCRM 100 and (CCRM 102 or CCRM 101)

Students are introduced to the concept of "policing" and the institutional and non-institutional forms it may take. The intersection of the uniformed, public police with other policing bodies, police discretion, culture, and issues of accountability and governance are central to this course. The role of communities and developments in the global context provide the context for analysis of the future of democratic policing.

39.0 Hours Fees: $572.20

☆ CCRM 302 Criminological Theories

Prerequisites:CRM 100 and (CRM 102 or CRM 101); CCRM 100 and (CCRM 102 or CCRM 101)

This course is an in-depth consideration of the main criminological theories of crime. We begin with the historical roots in positivism and classical thought. We then move toward contemporary theorists, including critical, feminist, and post-modern approaches, and their impact on how we understand and respond to crime.

39.0 Hours Fees: $590.98

★ CCRM 318 Violence and Communities

Prerequisites: CCRM 100 and (CCRM 102 or CCRM 101); Registered Crime Analytics certificate students without the course prerequisites must contact the Academic Coordinator at geocertificates@torontomu.cain order to enrol in CCRM 318

This course explores a variety of issues related to the topic of communities in terms of denoting both geographic space and social networks and crime. Students will critically evaluate such topics as the stereotypes associated with and representations of certain communities, the spatial distribution of violent crime, gentrification and crime, the effects of policing and punishment on communities, and the efficacy of area-based crime prevention initiatives that are currently popular in many North American jurisdictions.

39.0 Hours Fees: $572.20

★ CCRM 402 Criminal Justice and Social Inequality

Prerequisites: CCRM 100 and (CCRM 102 or CCRM 101); Antirequisite: JUS 400

This course examines various form of social inequality as they intersect with the criminal justice system in Canada. The course will challenge the notion of an objective, value-neutral criminal justice system, and will consider the impact of operational and policy decisions on race, class, gender, and other forms of social inequality. Topics will include systemic racism, gender discrimination, the over-representation of people who live in poverty, and other relevant issues.

39.0 Hours Fees: $572.20

☆ CCRM 601 Violence in Society

Not available to Criminology, Criminology/Politics and Governance Double Major, Criminology/Sociology Double Major and Criminology/History Double Major students

This course draws on an inter-sectional theoretical framework to examine the links between interpersonal, state and structural violence, and how these links are hidden. Students will examine the relationship between violence and colonial, racially-organized, socioeconomic, and gendered inequalities from national and global perspectives: how work, laws, prisons, policing, schools, and related forms of social control operate. Using an interdisciplinary approach, students will explore the impact of structural violence on various social groups, and individual, state and collective community-driven anti-violence strategies.

39.0 Hours Fees: $572.20

English

★ CENG 101 Laughter and Tears: Comedy and Tragedy

Laughter and tears are not always straightforward. A tale of pride going before a fall can be reassuring to us as well as sad, and a Hollywood romantic comedy can encode a scathing social critique. Offering insight into our ongoing fascination with the extremes of human emotion, this course traces how the twin poles of the comic and tragic have developed through literary history, and how they vary across diverse cultural traditions.

39.0 Hours Fees: $590.98

☆ CENG 104 The Short Story

As a relatively new genre that burst on the literary scene with the emergence of magazine culture, the short story is a truly modern form. Its excitement has to do with the concision of its form and the startling turns its narratives can offer. This course explores the history and conventions of the genre, examining stories from a variety of cultural contexts representing a range of styles, themes, and social issues.

39.0 Hours Fees: $590.98

★ CENG 110 Literatures Across Borders

Antirequisite: ENG 108

Literature shapes and is shaped by the world we live in. It straddles the borders between nations, personal and collective histories, and narrative forms. In this course, students engage with diverse literary forms, themes, locations, and historical contexts; and develop skills for critical analysis and the creation of sustained, organized, and well-reasoned arguments.

39.0 Hours Fees: $590.98

★ CENG 112 Zap, Pow, Bang: Pop Lit

Antirequisite: ENG 703;

Horror stories, pop songs, love poetry, comics — this course introduces students to various types of writing that were popular at different times and in different cultures. Students will learn central concepts and terminology in the study of popular writing and culture, and they will analyze the impact that cultural and political issues have had not only on what works became popular but also on the very notion of "the popular" itself.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $590.98

☆ CENG 201 Myth and Literature

From classical poetry to video games, stories follow recognizable patterns that tell us much about our values, fears, and desires. Offering a fertile source for plots and themes, myth systems present a set of limits to be investigated, challenged, and rewritten. This course examines how plays, poems, novels, and/or other texts engage with myth. Topics may include such diverse ideas as masculinity, initiation, fellowship, betrayal, rebirth, exile, and homecoming.

39.0 Hours Fees: $590.98

★ CENG 203 The Literature of Indigenous Peoples

Not available to students in ACS English Option, BA English, English-Philosophy and English-History double major programs

How has colonialism impacted Indigenous cultures, and how have Indigenous people used texts to pose challenges to colonialism and to preserve and retell traditional stories? Reading contemporary literature by Aboriginal Australian, Maori, First Nations, and other Indigenous writers, students address these and other important socio-political questions, examine wider literary and theoretical issues, and consider questions regarding cultural identity raised in the writings of Indigenous peoples.

39.0 Hours Fees: $590.98

★ CENG 222 Fairy Tales and Fantasies

Starting with the powerful images of folk tale, fairy tale, and legend, and following them through fantasies and animal tales, this course explores their evolution from oral stories for adults to literary versions for children. It will also examine the intellectual and historical influences of the periods. The material to be studied includes modern versions of the tales in print and visual media.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $583.68

☆ CENG 224 Children's Literature

This course examines children's literature as a cultural category that shapes and is shaped by changing notions of "the child" and childhood. Students explore the ways in which texts directed at children's instruction and entertainment relate to their time, place, and generic form. Topics may include fiction; picture books; comics; film; and poetry.

39.0 Hours Fees: $583.68

NEW!

★ CENG 230 Creativity, Writing, and Everyday Life

Creativity as a distinct practice of expression and investigation is a key function of art and learning. Students analyze the role of creativity in the making and criticism of literary objects, including poetry, short stories, novels, and more. Accounting for historical models of literary invention and other associated terms (such as genius and taste), students examine the role of creativity and its value in writing, scholarship, and the everyday circumstances of our lives.

39.0 Hours Fees: $590.98

★ CENG 503 Science Fiction

The mythology of our civilization is the story of things to come. The prophetic visions of writers such as Asimov, Brunner, Clarke, Gibson, Heinlein, Herbert, Hogan, LeGuin, Lem, and Niven offer endless playgrounds for the imagination. Their second gift is a widening vista or real alternatives: our future may be what they let us choose to make it. If you want to play an informed part in that choice, this course will provide the menu.

39.0 Hours Fees: $572.20

★ CENG 505 Creative Writing

This upper-level course offers students the opportunity both to study models of good writing and to develop their own creative abilities. Class discussions and workshop groups are designed to enhance the student's understanding of the creative process, to stimulate the imagination, and to develop individual abilities. Areas of discussion include style, prosody, conflict, character, dialogue, and revision.

39.0 Hours Fees: $581.59

★ CENG 510 Gothic Horror

Antirequisite: ENG 580

Invented over 200 years ago, the gothic has become one of the most popular genres in literature and film. This course will explore the gothic presence in popular culture during this time. Students will analyze ways in which the genre challenges not only other cultural conventions, but also claims in the realms of art, science, and medicine. Topics to be addressed include the relation of the gothic to gender, sexuality, class, orientalism, imperialism, and criminality.

39.0 Hours Fees: $565.95

★ CENG 511 The Art of Writing Life

Antirequisite: ENG 570; Restriction: This course is not available for credit to students in ACS English Option, BA English, English-Philosophy and English-History double major programs

This course examines a variety of life-writing genres including the diary, letter, autobiography, memoir, and biography. By sampling a range of texts (both print and electronic) throughout history, students will explore diverse ways in which writers express their private and public stories about life and self. Students will gain an understanding of life-writing theory which can be used to rethink the relationships between gender and genre; fact and fiction; and art and artlessness.

39.0 Hours Fees: $572.20

☆ CENG 602 Women's Writing

Antirequisite: CENG 621; Restriction: This course is not available for credit to students in ACS English Option, BA English, English-Philosophy and English-History double major programs

What does it mean to "write as a woman"? Is there such a thing as "women's writing" and if so, what are its characteristics? This course explores the ways in which women have contributed to literary traditions both by working within and by challenging mainstream movements. In examining women's use of literary forms as aesthetic, personal and political sites, we will consider how issues of identity and historical context inflect and inform their writing strategies.

39.0 Hours Fees: $572.20

★ CENG 706 Shakespeare and Performance

Prerequisite: ENG 108 or CENG 110

Shakespearean drama was an important medium for entertainment and for reflecting contemporary socio-political realities on stage. A mark of Shakespeare's continued relevance and popularity is the constant remaking of his plays in a variety of media. This course analyses the textual, thematic, historical, and theoretical readings of Shakespearean drama. Students explore a variety of adaptations, including folk performance, early-modern theatre, television, and film.

39.0 Hours Fees: $572.20

French Studies

★ CFRS 602 French Caribbean Literature and Culture

This course, taught in English, will focus on the literature, culture, and arts of the Francophone Caribbean (Martinique, Guadeloupe, Haiti). Issues of colonialism and postcolonialism, slavery and freedom, exile and immigration, tensions between race and gender, between languages (French and Creole) will be examined through poetry, novels, storytelling, theatre, music and film analysis. Readings include major authors such as Césaire (father of negritude), Condé, Schwarz-Bart, Chamoiseau, J.J. Dominique.

This course is delivered through asynchronous learning, meaning you do not have to be online at specific times. However, there may be occasional live tutorials. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $572.20

History

★ CHIS 105 Inventing Popular Culture

This course examines the history of popular culture, starting in the 19th century, seeking to define popular culture and understand its relationship to the formation of modern society. It considers such topics as the ideological use of popular culture, debates surrounding culture, notions of nation and community, and the growing dominance of commercial culture during a period when technology, human migration, and other factors increasingly blurred the boundaries of earlier cultural and social understanding. (Formerly HST 115.)

39.0 Hours Fees: $637.93

★ CHIS 106 Technology, Warfare and Social Change

This course introduces students to the technological and social implications of warfare from the ancient to the modern age. However, rather than dwell on the minutiae of military technologies and battle strategies, it explores the technological connections between war and society through asking such questions as how conflict fostered technology exchanges and medical advances; how improved naval technology furthered exploration; how military technologies found civilian use; and how new technologies changed the ethics of war. (Formerly HST 116.)

39.0 Hours Fees: $637.93

☆ CHIS 590 Modern International Relations

Antirequisites: HIS 490 and CHST 604

To understand the complexities of the modern world, we must have a firm grasp of international relations. What forces – political, social, or economic – have changed our world since 1945? What was the Cold War and what does its ending mean? This course uses history to illuminate relations and developments in specific areas, such as Europe, the Middle East, and Asia. It also trains students in how to formulate questions and find information effectively. (Formerly HST 500.)

39.0 Hours Fees: $637.93

☆ CHST 118 The City in History

The majority of humanity now lives in urban areas. How, when, and why did people shift from rural to urban life? Using a wide range of sources, this course introduces students to the development of cities and urban cultures from the ancient world to the modern metropolis. It examines both the causes and the effects of urbanization, and considers how people have shaped – and been shaped by – urban environments around the world.

39.0 Hours Fees: $614.98

☆ CHST 119 Rise of Empires: History Through Film

Can film provide valid insight into our past? How do we understand film as historical artifact? This course tries to answer these questions and many others by exploring films which deal with early European imperialism, that is, from the time of Columbus to the end of the First World War. The topics will be international in scope, drawing on aspects of Asian, African, and Latin American history, and examining both "blockbuster" and independent films.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $614.98

☆ CHST 207 Introduction to Ancient Greece and Rome

Antirequisite: HIS 275

This course introduces students to the "Classical" civilizations of Ancient Greece and Rome. It considers the rise of the Greek city-states, the transmission of culture and ideas to Rome and the impact of these cultures on contemporary society.

39.0 Hours Fees: $614.98

☆ CHST 219 Decolonization: History Through Film

Can film provide valid insight into our past? How do we understand film as historical artifact? Films in this course will examine aspects of colonial rule in Asia and Africa from the end of the First World War to the late 20th century. There will be an emphasis on the struggle for liberation from the grip of colonial empires and the neo-imperialism practiced by the superpowers during the Cold War.

39.0 Hours Fees: $614.98

☆ CHST 222 The History of The Caribbean

This course examines the development of societies in the Caribbean from the intrusion of European explorers and settlers c.1492 to the dismantling of the slave systems in the 19th century, and beyond to issues, such as independence, affecting the region in modern times.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $523.16

☆ CHST 501 The American Civil War

This course surveys the history of the Civil War, from its origins in 19th-century tensions through to the end of Reconstruction in 1877. Topics include: slavery, the growth of sectionalism, birth of the Republican Party, breakdown of the political system, justifications for and against secession, the founding of the Confederacy, the military conflict, life on the home front, Union victory, sectional reconciliation, and postwar conditions for freed Blacks.

39.0 Hours Fees: $572.20

☆ CHST 503 Crime and Punishment in Modern Canada

This course is a historical inquiry into crime and punishment in 20th-century Canada. The major focus of the course is an examination of the social history of crime, which includes historical attitudes toward crime, definitions of what actions constitute criminal behaviour and how they change over time, and finally, the evolution of the relationship between the criminal justice system and social change.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $572.20

☆ CHST 504 War to War: World Conflict 1900-45

Antirequisites: HIS 594, CHST 702, CHST 802

The two world wars between 1914 and 1945 have transformed our planet. In 1900 Europe dominated international relations; since then we have seen the rise of the superpowers of the United States and the Soviet Union, and a shift in power to the non-European world of Asia, Africa, and Latin America. This course examines the causes and significance of these changes. Topics include political, economic, and military factors, war-making, and peace-keeping.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $572.20

☆ CHST 506 The Ancient Egyptian World

Antirequisite: HIS 559

This course introduces students to the complex civilization that was ancient Egypt (ca. 3500-323 BCE). Through analysis of both material culture and historical records, students will familiarize themselves with ancient Egyptian history, and engage with ancient Egypt beyond the exotic images of mummies and pyramids.

This course will require you to be online for live lectures at the scheduled time. There will also be some pre-recorded lectures. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $572.20

☆ CHST 511 Quebec in Canada: A History

The relationship between Quebec and the rest of the country is a complex one, involving conquest, submission, survival, compromise, cooperation, and confrontation. This course explores the twists and turns of the historical relationship in order to provide a deeper appreciation of the place of Quebec in Canada and of the nature of modern Quebec society.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $565.95

☆ CHST 527 Toronto: Wilderness to Metropolis

In less than 200 years Toronto has grown from a small town into a major metropolis. This course looks at elements in that development, such as: immigration and its effects, 19th-century social classes and ethnic rivalries, the growth and movement of industry, pollution problems, the struggle over municipal services, urban calamities, the absorption of other communities, problems of the poor, the growth of suburbs, and the emergence of a multicultural city.

39.0 Hours Fees: $608.72

☆ CHST 533 Africa Before 1850

This course deals with African history before European colonization. The approach is thematic and the course focus will shift with developments in the field. Some themes that might be included are: the use of oral tradition, the development of ancient civilizations and states in Africa, the spread of Islam, the Atlantic Slave Trade, trade networks, and the shift to "legitimate commerce." This course is best taken with HST 633.

39.0 Hours Fees: $565.95

☆ CHST 540 Espionage: A Modern History

Hidden codes, special devices, fiendish villains, and top secrets all have a special place in popular culture, but as alluring as the mythology may be, it does not answer important questions about the roles that espionage and intelligence agencies play in international relations. This course covers the evolution of spying and spy services from the late 19th century to the present, focusing on the effects of major issues such as the two world wars, the Cold War, 9-11, and international security threats today.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $572.20

★ CHST 602 Propaganda!

This course examines modern propaganda, a distinctive form that dates to the turn of the twentieth century, and follows its evolution during the World Wars and the Cold War; its application in the First Gulf War; and in the Global War on Terror in response to the 9/11 attacks. Analysis of these events will illustrate propaganda's successes and failures as well as its unintended consequences, from military/political "blowback" to the fueling of conspiracy culture.

39.0 Hours Fees: $572.20

☆ CHST 603 The Third Reich

This course introduces students to the history of Germany's Third Reich and its international impact from its origins in the 1920s to the aftermath of its defeat in 1945. Topics include the birth of Nazism in Weimar Germany; Adolph Hitler's rise to power; Nazi government, economy, and society; the Holocaust; territorial expansion; the conduct of the Second World War; the collapse of the Third Reich; and ongoing deliberations about its legacies.

39.0 Hours Fees: $572.20

☆ CHST 604 The Uneasy Peace: The Cold War, 1945-90

Antirequisites: HIS 490 and CHIS 590 and HST 500

This course explores the story of the Cold War, a conflict that dominated international relations for much of the postwar period. Topics include the emergence of the United States and Soviet Union as superpowers, the division of Europe after 1945, the creation of Cold War alliances, decolonization, superpower conflict by proxy, the rise of regional powers, the collapse of the Soviet Union, and the legacy of the conflict for the 21st century.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $572.20

☆ CHST 633 Modern Africa

Antirequisites: HIS 556 and HIS 656

What historical dynamics have produced the Africa we know today? How far are today's problems rooted in the colonial experience? This course examines the history of the continent from the beginning of the colonial period to the present. Some of the themes covered include: resistance to colonial rule, the development of nationalism, class formation, changing gender roles, Africa in the world economy, and democratization movements. This course is best taken with HST 533.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $565.95

☆ CHST 658 Sex in the City

This course addresses how cities have fostered both commercial and noncommercial sexual cultures, sexual communities, and sex districts over time. Students will examine the histories of male and female prostitution, the development of non-heterosexual urban communities, cultures of urban romance, visual representations of sex and cities, and the histories of gender, race, class, politics, and culture that structure these issues of sex in the city.

39.0 Hours Fees: $572.20

☆ CHST 701 Scientific Technology and Modern Society

Our lives are shaped by scientific knowledge applied to new inventions. This course examines how scientific technology both reflects and transforms our society, and how it created key fundamental industries in our high-tech, energy-dependent society. It covers the invention of modern electrical and transportation systems, modern warfare, problems of biotechnology, the ethics of industrial chemistry, nuclear energy and the atomic bomb, and the computer revolution.

39.0 Hours Fees: $572.20

☆ CHST 702 The First World War

Antirequisites: HIS 594, CHST 504

This course examines the causes, conduct, and outcomes of the world's first total war. Key themes include pivotal military events, soldiers' experiences, and, especially, the interactions between the home front and the front lines that distinguished the Great War from earlier conflicts and that shaped its outcome and long-term consequences. Accordingly, the connections between the political, military, social, economic, and cultural dimensions of the war are central topics of study in this course.

39.0 Hours Fees: $572.20

☆ CHST 711 Canada and the United States

This course explores a pivotal relationship in Canada's development by looking beyond formal ties, such as treaties, to political, economic, and cultural forces with the United States. It starts in the 18th century, but the major focus is on the 20th century, when the two countries were never closer. Topics include the Cold War, economic links, tensions, culture and nationhood, and Free Trade.

39.0 Hours Fees: $572.20

☆ CHST 787 Astronomy vs Astrology

Today the difference between astronomy and astrology is defined with clarity, with the former recognized as an established scientific discipline and the latter regarded as a pseudoscience, rejected for its lack of credibility. Such was not always the case, as astrology gave birth to astronomy. This course explores the complex interrelationship between the two from the third millennium BCE to 1700 CE.

39.0 Hours Fees: $608.72

☆ CHST 802 The Second World War

This war rightly has been called a total war. New technologies and strategies affected civilians as much as the military, and the fighting raged across the globe. We examine the war in Europe, Asia, and beyond, exploring such questions as the role of aerial bombing, of science, of intelligence, and of propaganda in the conflagration while considering the war's impact on daily life in occupied countries, and the distinct experience of the dictatorships and democracies.

39.0 Hours Fees: $572.20

☆ CHST 811 The Holocaust

This course provides an in-depth study of the Holocaust and an exploration of the major areas of historical inquiry that surround this watershed event. Students explore the roots of antisemitism, the Nazi rise to power, the nature of Nazi racial ideology, non-Jewish victim groups targeted for persecution, the motives of Nazi perpetrators, the experiences of the victims, issues of rescue and resistance, and the responses of governments and international organizations. Students will also consider the legacy of the Holocaust and contemporary genocide issues.

39.0 Hours Fees: $608.72

Music

★ CMUS 101 Intro to World and Early European Music

This course provides basic knowledge and understanding of music in culture, with emphasis on listening skills and repertoire. Brief survey of world music and the Medieval, Renaissance, and Baroque periods in European music. The functions of music in culture. Study of music vocabulary and early genres of music.

39.0 Hours Fees: $590.98

★ CMUS 106 The Architecture of Music

While music is everywhere around us in our daily lives, for the listener many of its structural elements are often difficult to identify and appreciate. Through theoretical analysis and experiential learning, this course will provide a range of technical tools for acquiring a thorough grasp of how music is organized and created. Here, students will learn the fundamentals of music notation, develop essential aural skills, and acquire a strong understanding of the tonal system.

39.0 Hours Fees: $586.81

★ CMUS 201 Introduction to Classical Music

This course examines Western music from the Classical, Romantic, and Modern periods (approx. 1750 to the present day). Survey of the development of major styles, genres, and forms of European music, including symphony, concerto and sonata. Lives and works of the great composers including Mozart, Beethoven, and Stravinsky.

39.0 Hours Fees: $590.98

☆ CMUS 220 Global Popular Music

This course will offer a survey of global popular music, investigating how the adoption of western genres have been informed by new local contexts. The growth of diasporic fan bases and globalized movement of music via modern technology will be examined, alongside the impact of regional identities and political movements on music production. Examples from global popular music will be analyzed to illustrate both developments in musical style and music's connection to social change.

39.0 Hours Fees: $590.98

★ CMUS 501 Music of World Cultures

This course surveys folk, art, and popular musics from around the world. Course content covers musical systems, instruments, performance practices, social structures, and religious belief systems. Musical analysis is integrated with theoretical concepts to develop a cross-cultural appreciation of music, including: race, cultural identity, post-colonialism, and globalization. Musical cultures to be explored may include those of Canada's First Nations, the Caribbean, Brazil, West Africa, Northern Europe, West Asia, India, China, Japan, and Indonesia.

39.0 Hours Fees: $572.20

★ CMUS 503 Social Issues in Popular Music

This course will examine the relationship between contemporary popular music and social issues. The ways in which popular music addresses, interacts with and intersects identity formation, political movements, technological change, class structures, and geography will be among the topics covered. Examples from 20th and 21st century North American and global popular music will be included to illustrate both developments in musical style and music's connection to social change.

39.0 Hours Fees: $572.20

★ CMUS 505 The History of Pop Music

Antirequisite: RTA 905 (formerly BDC 935)

This course explores the development of North American, British and non-western popular music. Lectures investigate key historical periods and genres which define the popular idiom in the west, such as blues, jazz, country, rock n' roll, folk, rap, and electronica, as well as popular idioms from beyond the western world. Changes in technology, economics and demographics will be discussed, as will links between popular music and the prevailing social conditions of each period.

39.0 Hours Fees: $572.20

NEW!

★ CMUS 520 Women in Popular Music

This course will examine the role of women in recorded popular music, looking at the interrelationships of gender identity, gender performance, and musical creation. How women have sought agency and independence within the western capitalist music industry model will be examined, using case studies of the lives and careers of female musicians. Examples from western popular music will be analyzed to illustrate the social, cultural, and political contexts that influence female participation in music.

39.0 Hours Fees: $572.20

Philosophy

★ CPHL 101 Plato and the Roots of Western Philosophy

An introduction to philosophy using Plato's Republic and possibly other dialogues. Topics include: How ought we to live our lives? What is justice? What role should appetites and emotions play in our lives? What is the nature of society and the individual? What social arrangements (educational, political, economic) best serve the ideals of justice and happiness?

39.0 Hours Fees: $590.98

☆ CPHL 110 Philosophy of Religion I

Antirequisite: PHL 610

This course examines religion from a philosophical perspective. By examining historical and contemporary readings, students will grapple with questions like these: Is there an ultimate religious reality, and if so, what is it like? Can one prove, or disprove, that God exists? What is faith, and how does it relate to reason? What happens after we die? Do miracles happen? How should we understand religious diversity?

39.0 Hours Fees: $590.98

☆ CPHL 187 Classical Philosophy

This course explores themes in the Classical periods of a number of philosophical traditions such as African, Persian, Islamic, Indian, Chinese, Judean, Greek, and Roman. Approaches may include tracing a single theme or question through several traditions, or examining key ideas and thinkers within their respective traditions. Themes could include what philosophy is, how it may be expressed in a variety of ways (poetry, dialogue, fiction, way of life), and metaphysical, epistemological, and ethical questions.

39.0 Hours Fees: $579.50

★ CPHL 201 Problems in Philosophy

Antirequisite: PHC 180

This course is an introduction to some core philosophical problems. By examining historical and contemporary readings, students will grapple with profound questions such as: Do we have free will? What makes you the same person through time and change? Does God exist? How are mind and body related? What is knowledge, and do we have any? What is morality? Students will develop their skills in analyzing, evaluating, and constructing arguments.

39.0 Hours Fees: $590.98

☆ CPHL 214 Critical Thinking

Antirequisites: CSSH 105, PHC 182; Not available to ACS, Criminology, English, Environmental and Urban Sustainability, Geography, History, GCM, Int'l Econ, Philosophy, Politics and Governance, Psychology, Sociology or Undeclared Arts students.

A course designed to develop clarity of thought and method in the construction, analysis, and evaluation of both unsupported claims and those supported by arguments. While there will be some exposure to the notion of logical form, the emphasis here is on informal principles and arguments stated in ordinary language. Topics include the nature and methods of argument, classification and definition, along with some common fallacies and questions about meaning and language.

Restriction: AC001, CJ001, PG001, PS001, SO001, AV001

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $590.98

★ CPHL 302 Ethics and Health Care

Antirequisite: CPHL 509

This course examines ethical issues arising in the delivery of health care at both the level of the practitioner/client relationship (confidentiality, informed consent, euthanasia, abortion) and at a broader social level (justice and resource allocation, new technologies, professionalization and power). The course will draw on: a) general philosophical analysis of central concepts (good, right, justice, person-hood, autonomy, authority, integrity, health); b) general theoretical perspectives (feminism, "the Biomedical model", Utilitarianism, deontology); and c) student professional education and clinical experience in nursing.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $577.42

☆ CPHL 306 Freedom, Equality, Limits of Authority

Antirequisites: PHC 181, PHL 181

This course examines philosophical and ethical principles relevant to the concepts of freedom, equality, and authority through an exploration of current social and political controversies. Topics may include free speech, individual rights, negative and positive liberty, the limits of governmental and institutional authority, social inclusion and exclusion, economic and social inequality, civil disobedience, and collective responsibility.

39.0 Hours Fees: $580.54

★ CPHL 307 Business Ethics

Antirequisites: BUS 223, ITM 407, ITM 734

This course examines ethical issues and controversies concerning contemporary business practices and situates them within the broad intellectual framework of a free market society. Discussion will draw from such topics as: the concept of a market society, consumer sovereignty, utilitarian and contract models of business ethics, profit making and social responsibility, self-interest and altruism, the concept of business as a practice, mechanistic and organic conceptions of business, advertising, human rights, and conflicts of interest.

39.0 Hours Fees: $572.20

★ CPHL 333 Philosophy of Human Nature

This course examines philosophical writings about human nature. Topics may include: 1) What meanings are there for the word 'nature'? 2) How do we differentiate human nature from the nature of other sorts of beings? 3) What makes a response to a problem a human response? The course presumes that there are no unquestioned first principles, such as the existence of God, the inherent goodness of humans, or the objectivity of truth claims and values.

39.0 Hours Fees: $572.20

★ CPHL 366 Existentialism and Art and Culture

Through literature, visual art, film, and theory, this course explores existentialist lines of thought and their implications for modern day life. Existentialism is a philosophical and cultural movement critical of social illusions and self-deceptions that thwart genuine freedom. Exploring experiences of anxiety, futility, and isolation, analyzing the nature of the individual's relation to society, morality and religion, and arguing for the irrational nature of reality, existentialist theorists and artists seek to promote freedom, creativity, authenticity.

39.0 Hours Fees: $572.20

☆ CPHL 406 Issues of Life, Death and Poverty

Antirequisite: PHC 181, PHL 181

In light of our moral concepts and theories, this course critically examines current controversies concerning the sanctity of life, the constraints on ending life, and our obligations to provide the conditions for an acceptable life. Topics are drawn from issues like the following: abortion, euthanasia, capital punishment, genetic manipulation, war, torture, global poverty, famine relief, and basic welfare rights.

39.0 Hours Fees: $580.54

★ CPHL 500 Philosophy of the Natural Environment

The rise of environmental philosophy challenges the "anthropocentric paradigm" that has dominated Western thought. This course explores the implications of this challenge for our conception of ourselves, the basis for both human and natural values, and our obligations within the human and biotic communities. Topics include: traditional philosophical attitudes towards nature, obligations to future generations, "animal rights", individual versus holistic models of value in relation to ecosystems, species and wilderness, and conflicts between human and natural values.

39.0 Hours Fees: $565.95

☆ CPHL 504 Philosophy of Art

The objective of this course is to provide students with an overview of a number of different theories concerning the nature of art. It will address such matters as the relationship between art and truth, the appropriate criteria of art criticism, the distinction between art and non-art, and the nature of aesthetic values.

39.0 Hours Fees: $572.20

★ CPHL 509 Bioethics

Antirequisite: CPHL 302

Recent advances in biomedical sciences have raised a host of ethical concerns involving the sanctity and quality of life, fairness, equality, and autonomy. New and revolutionary developments call for legislative reform and policies designed to keep research and its applications within appropriate boundaries. This course examines issues such as cloning, assisted reproduction, genetic screening, gene therapy, organ donation, and resource allocation within a framework of moral principles and contemporary debate. PHL 509 is not available for credit to students who choose PHL 302.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $565.95

☆ CPHL 550 Knowledge, Truth and Belief

Do we know anything? If so, what do we know, and how do we know it? What is the difference between knowledge and mere belief or opinion? How can we tell if our beliefs are justified? What makes some beliefs true, and others false? Epistemology – the study of knowledge – is the branch of philosophy concerned with such questions. This course explores these issues by examining some important contributions to the field, both historical and contemporary.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $572.20

☆ CPHL 551 Metaphysics

This course is an introduction to philosophical accounts of the fundamental structure and organization of reality. Questions to be considered may include: Why does the universe exist? What are space and time? Is the past as real as the present? Are future events fated to happen? How is change possible? Are there other universes besides the one we live in? Criticisms of philosophical attempts to answer these questions will also be discussed.

39.0 Hours Fees: $572.20

★ CPHL 603 Fundamentals of Ethics

Prerequisite: CPHL 306 or PHL 404 or CPHL 406 or CPHL 503 or CPHL 612

This course explores fundamental questions about ethics. Possible questions include: Is ethics somehow relative to cultures or individuals? Or might some ethical truths be timelessly true, regardless of people's beliefs? Is ethics based on religious or spiritual truths? Must we do what's right even if we don't want to? Can it ever be rational to act unethically? Is ethics a product of evolution, and if so, should this undermine our commitment to ethics?

39.0 Hours Fees: $572.20

☆ CPHL 605 Existentialism

For existentialists, freedom is not a given, but something to achieve. Reading authors like Kierkegaard, Nietzsche, Sartre, Beauvoir, and Heidegger, we'll ask what aspects of the human condition tend to thwart true freedom: Self-deception? Social norms or religious codes? Anxiety in confronting death? Longing for absolute justification for life's meaning? Alienation arising from an overestimation of reason or technology? We'll also consider what is required for authenticity, responsibility, freedom, and, possibly, the meaning of faith.

39.0 Hours Fees: $572.20

☆ CPHL 606 Philosophy of Love and Sex

This course explores historical and contemporary philosophical perspectives on love and sex. Themes may include the nature of erotic love and friendship; monogamy and its alternatives; the relationship between love and sexual desire; the experience of lust, jealousy, and heartbreak; the ethics and influence of porn; the politics of heteronormativity and gender binarism; and sex technology.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $572.20

☆ CPHL 611 Philosophy of Mind

Through both classical and contemporary texts this course will examine selected issues regarding human (and other) minds, such as: How are mind and brain related? What is consciousness? How are thought and language related? Can, or could, computers think? Do non-human animals think? Can the mind be understood as a product of natural selection?

39.0 Hours Fees: $572.20

★ CPHL 612 Philosophy of Law

What is law? What makes something a legal norm? Should citizens always obey the law? What is the relationship between law and morality? This course will examine diverse perspectives on law, such as natural law, legal positivism, feminist legal theory, critical race theory, and other critical theories, focusing on debates over the legal regulation of contested social practices. Themes to be covered include: equality, liberty, expression, and religious rights, as well as legal interpretation.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $572.20

☆ CPHL 709 Religion, Science and Philosophy

The physical sciences have contributed to philosophical debates regarding the apparent conflict between religious and scientific outlooks. In particular, religion and science seem to suggest different accounts of human nature, the universe, and our place in it. This course is concerned with issues such as: the basis for religious and scientific claims, nature and intelligent design, causality and free-will, and the emergence of mind.

39.0 Hours Fees: $572.20

☆ CPHL 710 Philosophy and Film

This course examines the medium of film from several philosophical perspectives. Questions to be considered may include: What distinguishes film from other mass media and art forms? Do technical developments alter the definition of film? Is there a language of film? What can film teach us about the nature of perception? Does film contain an inherent gender bias? Has film created a captive audience, or is it the truly democratic art form?

39.0 Hours Fees: $572.20

Psychology

★ CPSY 102 Introduction to Psychology I

Antirequisite: CPSY 105

This course introduces students to psychology, the scientific study of behaviour and cognition, by examining the basic principles of psychology and their applications to everyday experience. The course surveys some core areas of psychology including research methods, biological bases of behaviour, sensation and perception, memory, and cognition.

39.0 Hours Fees: $590.98

★ CPSY 105 Perspectives in Psychology

Antirequisite: CPSY 102

This course introduces students to psychology by exploring several viewpoints within the discipline, such as the biological, behaviourist/learning, cognitive, and psychodynamic perspectives. The emphasis is on examining the ways in which these perspectives have influenced our understanding of how people act, think, and feel, and the contributions that each has made to psychology as a discipline.

Students may not enrol in CPSY 105 if they are also taking or have already passed PSY 11B or PSY 11.

39.0 Hours Fees: $590.98

★ CPSY 202 Introduction to Psychology II

Prerequisite: CPSY 102 or CPSY 105

This course continues the introduction to psychology from PSY 102, with a focus on applying psychological principles in different contexts. The course surveys some core areas of psychology, including personality, development over the life span, behaviour in a social context, and psychological disorders.

39.0 Hours Fees: $590.98

★ CPSY 215 Psychology of Addictions

Prerequisite: CPSY 105 or CPSY 102

This course introduces students to basic principles and issues in the area of addiction, the factors that influence its development, and the methods used to treat it. The similarities and differences between addictive disorders and other forms of psychopathology are discussed. The course studies both experimental and clinical approaches to addiction. The course covers the various instruments and methods used by addiction researchers and clinicians and discusses their strengths and weaknesses.

39.0 Hours Fees: $572.20

★ CPSY 300 Psychology and Law

Prerequisite: CPSY 105 or CPSY 102

Psychology's empirical perspective sometimes complements the legal system's rule-based nature, and sometimes the two disciplines are at odds. This course focuses on the application of psychological theory, methods, and data to various procedures and issues in the legal system, including eyewitness evidence, the detection of deception, jury selection and jury decision-making, and sentencing.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $572.20

★ CPSY 302 Child Development

Prerequisite: CPSY 102 or CPSY 105

Antirequisites: CCLD 204, CCLD 205, CCLD 206

This course introduces students to the methods, theories, findings and practical applications of research in the area of child development. The focus is on describing the significant changes in physical, cognitive, social and emotional development and on explaining why these changes occur. This course also discusses the immediate contextual influences of families, peer groups, and schools as well as on the broader contextual influences of subculture, culture, and historical era.

39.0 Hours Fees: $580.54

★ CPSY 308 Psychology of Thinking

Antirequisite: PSY 108

This course discusses human information-processing abilities and limitations in critical-thinking contexts such as solving problems, making decisions, testing hypotheses, and understanding probabilities. Individual and social factors that affect the efficiency of these processes will be examined, and the consequences of poor thinking processes for the individual and for society will be considered.

39.0 Hours Fees: $580.54

★ CPSY 324 Biological Psychology

Prerequisite: CPSY 105 or CPSY 102

This course is concerned with integrating the understanding of human behaviour and the understanding of physiological mechanisms relating to behaviour, particularly those of the nervous system and brain. Students are introduced to neurons and neurophysiology, neuroanatomy, neurochemistry, and the methods used in physiological research. These core areas allow students to understand how nervous system mechanisms contribute to sensorimotor function, ingestion, sexual behaviour, memory, thought, language and consciousness, addictions, and psychological disorders.

39.0 Hours Fees: $572.20

★ CPSY 325 Psychological Disorders

Prerequisite: CPSY 105 or CPSY 102

Antirequisite: CPSY 606

This course examines conceptions of abnormality, how psychological disorders are classified, and how they are treated. The DSM classification system and alternative systems will be critically considered, and the causes of psychological disorders will be discussed from a variety of perspectives (e.g., biological, behaviourist, sociocultural). Disorders to be discussed include (but are not limited to) depressive disorders, anxiety disorders, schizophrenia, personality disorders, and eating disorders. In addition, the course includes consideration of cross-cultural factors, and ethical issues.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $572.20

★ CPSY 335 Clinical Psychology

Prerequisite: CPSY 325

Clinical psychology concerns the assessment, diagnosis, and treatment of individuals who experience social, emotional, behavioural, and mental health problems. Topics covered include the history of clinical psychology, professional and ethical issues, assessment and diagnosis of mental health problems, modalities of treatment (e.g., individual, group, family), therapeutic orientations and their methods and techniques, and current issues. This course combines a study of theory, research, and practice.

39.0 Hours Fees: $572.20

★ CPSY 402 Adult Development

Prerequisite: CPSY 105 or CPSY 102

All of us hold beliefs about what it means to be an adult and what it means to grow old. In this course, students examine their beliefs in light of scientific evidence on adult development and aging. Theories and empirical findings related to changes in physical, cognitive, personality, and social processes are examined. Contextual influences of family, culture, and historical era are emphasized. A recurrent theme is the tremendous diversity and individual variability in aging.

39.0 Hours Fees: $572.20

★ CPSY 411 Research Methods and Statistics I

Prerequisites: CPSY 102 and CPSY 202

This course introduces students to basic research designs, statistical concepts, and data-analysis procedures. Topics include describing and summarizing data, probability basics and hypothesis testing, simple correlation and regression, t-tests, and Chi-square analyses. A statistical software package (e.g., SPSS) is used throughout the course. This course is intended for students enroled in the full-time BA psychology degree program or a psychology certificate.

39.0 Hours Fees: $572.20

★ CPSY 504 Social Psychology

Prerequisite: CPSY 105 or CPSY 102

Antirequisite: CPSY 124

Social Psychology is an extremely diverse field that generally deals with people in social situations. Core topics include social behaviour such as aggression, obedience, conformity, intimate relationships, and how groups function. They also include attitudes, social cognition, social perception, prejudice, and feelings of guilt, all of which are assumed to affect social behaviour. Basic methodological issues will be discussed as they pertain to the above topics. Core topics include social behaviour such as aggression, obedience, conformity, intimate relationships, and how groups function. They also include attitudes, social cognition, social perception, prejudice, and feelings of guilt, all of which are assumed to affect social behaviour. Basic methodological issues will be discussed as they pertain to the above topics.

39.0 Hours Fees: $565.95

★ CPSY 505 Personality Theory

Prerequisite: CPSY 105 or CPSY 102

This course discusses the pattern of psychological characteristics that differentiate each of us from others and lead us to act consistently across some situations. Major perspectives on the understanding of these patterns are discussed, including the theorists aligned with each approach.

39.0 Hours Fees: $572.20

★ CPSY 602 Developmental Psychopathology

Prerequisites: [CPSY 302 and (CPSY 102 or CPSY 105)] or [two of CCLD 204, CCLD 205, CCLD 206]

This course examines psychological disorders in children and adolescents, taking into account the developmental context in which such disorders occur. Topics include classification and assessment, anxiety disorders, depression, conduct disorders, attention deficit disorder, autism, schizophrenia, and eating disorders.

39.0 Hours Fees: $572.20

★ CPSY 605 Psychology of Health and Health Care

Prerequisite: CPSY 102 or CPSY 105

This course will offer insight into the psychological influences on health, with an emphasis on the application of psychological principles to health care delivery and disease prevention. Among the topics discussed are general health promotion, patient-practitioner interaction, stress, pain, and psychological issues in chronic and life-threatening illness.

39.0 Hours Fees: $572.20

★ CPSY 606 Abnormal Psychology

Prerequisite: CPSY 105 or CPSY 102

Antirequisite: CPSY 325

This course studies clinical syndromes ranging from the mild patterns of personality pathology to the more severe disorders. In addition, the techniques involved in the diagnosis of disorders and the types of therapy available will be examined.

39.0 Hours Fees: $565.95

★ CPSY 607 Drugs and Human Behaviour

Prerequisite: CPSY 105 or CPSY 102;

Antirequisite: CPSY 214

This course introduces students to the social, psychological and biological factors involved in the use and effects of psychoactive drugs and drug-taking behaviour. The course examines two aspects of drug use: addiction and the drug treatment of mental disorders. It addresses current issues such as the use of designer and performance-enhancing drugs. Topics range from historical, social, and cultural aspects of psychoactive drug use, to neurobiology and pharmacology underlying drugs and drug use.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $572.20

NEW!

★ CPSY 612 Independent Study

Prerequisite: CPSY 411 and Department Consent

This course is only available to current full-time Psychology undergraduate students. Students will have an opportunity to work with an individual faculty member on a research project, review paper or other activity that provides an in-depth experience in a specific area of psychology. Topics and format will be determined on a case by case basis.

This course is restricted to certificate students who have completed all other certificate requirements.

Before you enrol in CPSY 612, you should contact Dr. Paul Brunet, Academic Coordinator (at paul.brunet@torontomu.ca), at least one week prior to the start date in Fall or Winter term, to be assigned a faculty advisor from the Department of Psychology.

39.0 Hours Fees: $572.20

★ CPSY 614 Psychology of Sport

Prerequisite: CPSY 105 or CPSY 102; Antirequisite: PSY 560

This course examines sport by applying psychological theory and research to the many different domains of sport. Topics include personality and the athlete; attention, anxiety, and arousal; motivation, leadership, exercise adherence, and development of expert performance.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $572.20

★ CPSY 620 Psychology of Immigration

Prerequisite: CPSY 105 or CPSY 102

In this course we will examine the issue of immigration from the perspective of experiences of immigrants and receiving societies. Broad topics to be addressed include: (i) immigration trends and societal effects, (ii) acculturation, ethnic identity, and cultural conflict, (iii) causes, forms, and experiences of prejudice and discrimination against immigrants, and (iv) strategies for promoting acceptance of diversity (e.g., multiculturalism). Throughout, the Canadian context of immigration will be emphasized.

39.0 Hours Fees: $572.20

★ CPSY 621 Psychology of Human Sexuality

Prerequisite: CPSY 105 or CPSY 102; Antirequisite: PSY 550

This course examines contemporary knowledge and attitudes towards human sexuality. Multiple perspectives will be presented, including psychosocial, cross-cultural, and psychobiological. Sexuality across the life span will be examined, including issues pertaining to: biological sexual differentiation, intimacy and communication, gender role development, varieties of sexual relationships and behaviour, contraception, procreative technologies, and sexually transmitted diseases and HIV.

39.0 Hours Fees: $572.20

★ CPSY 682 Sleep

Prerequisite: CPSY 105 or CPSY 102

This course introduces students to biobehavioural perspectives on sleep. After learning about healthy sleep across the lifespan, and understanding sleep through animal models, students will be introduced to evidence-based theories and interventions for sleep problems. The focus of the course will be on building a foundation to understand sleep disorders, most notably insomnia.

39.0 Hours Fees: $572.20

★ CPSY 706 Positive Psychology

Prerequisite: CPSY 105 or CPSY 102

Positive Psychology is the study of optimal human functioning, of how we thrive. The field of Positive Psychology blends insight, research, and wisdom from numerous traditions and fields including cognitive psychology, health psychology, organizational behaviour, learning science, and neuroscience. In this course, we explore what comprises happiness, including resilience, habit formation, growth mindset, mindfulness, character strengths, awe, hope, and purpose, with special emphasis on applications to Canadian post-secondary students.

39.0 Hours Fees: $565.95

★ CPSY 707 Models of Stress and Adaptation

Prerequisite: CPSY 105 or CPSY 102

Antirequisite: CPSY 805

Every society produces stressors to which the members of that society must respond. In our society stress is commonplace, but the origins, effects and handling of stress are often poorly understood. Through the examination of psychological models of stress, this course seeks to make students aware of the stressors present in our society and of their own personal resources for adjustment and growth.

39.0 Hours Fees: $572.20

★ CPSY 802 Death, Dying and Bereavement

Prerequisite: CPSY 105 or CPSY 102

This course presents a comprehensive review and critical analysis of empirical findings on death, dying and bereavement. There will be a discussion of research-based techniques for dealing with the problems and stresses encountered in helping the dying or grieving person to adjust.

39.0 Hours Fees: $572.20

★ CPSY 805 Adjustment, Stress and Coping

Prerequisite: CPSY 105 or CPSY 102

Antirequisite: CPSY 707

This course will offer insight into stress, its consequences, and what individuals can do to cope. There is a balance of theory and applied information, and although we will concentrate on psychological variables, physiological issues are also considered. Among the topics discussed: popular models of stress, sources of stress, the influence of cognitions and personality on one's appraisal process, and strategies for successful stress management.

39.0 Hours Fees: $572.20

★ CPSY 807 Psychology of Prejudice

Prerequisite: CPSY 105 or CPSY 102;

Antirequisite: PSY 940

This course involves an examination and critique of psychological theory and research related to prejudice, discrimination, and intergroup relations. Broad topics to be addressed include: the causes of prejudice, contemporary manifestations of prejudice and discrimination, experiences of the targets of prejudice, and approaches to reducing prejudice and group inequality.

39.0 Hours Fees: $572.20

★ CPSY 808 Community Psychology

Prerequisite: CPSY 105 or CPSY 102

In general, community psychology is concerned with the application of psychological principles to social issues such as child abuse, homelessness, school violence, racism, crime, and chemical dependency. This course will examine a number of topics related to community psychology including theories of community psychology, research methods, community mental health, prevention programs, the community practitioner as social change agent, and applications of community psychology to other settings and situations.

39.0 Hours Fees: $565.95

Religious Studies

☆ CREL 101 Introduction to World Religions

This course is a survey of the history, social and political context, beliefs, practices, and influence of the major religious traditions of the world. The course will introduce students to the religions of Indian origin (Hinduism, Buddhism, and Sikhism), the religions of Chinese origin (Confucianism, Taoism, and Chinese Buddhism), and the religions of Semitic origin (Judaism, Christianity, and Islam). This course presupposes no religious or anti-religious perspective.

39.0 Hours Fees: $590.98

Social Science and Humanities

✪ COPH 200 Ethics Capstone Course

This course requires participants to produce a 30 to 40-page scholarly essay, case study research paper, or project in another form of equivalent scholarship and depth on an ethical issue or an area of ethical theory. Normally, the participants will have a designated supervisor to oversee their work, although it is expected that their efforts will be largely self-directed.

This course may be taken as individualized study/directed reading; please contact the Academic Coordinator Dr. Thomas Hart at acphilosophy@torontomu.ca prior to enroling.

39.0 Hours Fees: $902.75

★ CSSH 102 Learning and Development Strategies

The development of effective learning strategies appropriate to particular situations is a crucial skill for thriving in a university setting and for life beyond formal education. Students in this course will reflect on the dynamics of formal education in the 21st century, assess their own learning needs and develop appropriate strategies for evaluating information, practicing effective communication, and pursuing substantive learning. This course includes opportunities for team work, application, and skill development. (Formerly ACS 102.)

39.0 Hours Fees: $581.59

★ CSSH 105 Critical Thinking

Antirequisite: CPHL 214

Rational discourse has long been viewed as a principal force for social change. In this course, we will examine the structures and principles that undergird all forms of rational discourse, and we will learn how to assess the logical strength and persuasiveness of particular discourses. These skills will be applied to arguments found in everyday life, and to the formulation of one's own positions. (Formerly ACS 105.)

39.0 Hours Fees: $581.59

★ CSSH 205 Academic Writing and Research

From an interdisciplinary perspective, this course introduces the fundamentals of research, interpretive skills, and argument-based essay writing. Writing-intensive, the course explores some of the social and cultural implications of written communication. By examining a variety of texts, many of which address the interface of culture and technology, this course asks how we write and why.

39.0 Hours Fees: $581.59

★ CSSH 301 Research Design and Qualitative Methods

This course will focus on the student gaining an understanding of the uses of qualitative research designs and techniques. Topics include sampling methods, questionnaire design and implementation, interviews, focus groups, participant observation, and action research. Methodological assumptions, concepts, and procedures will be presented. Students will develop their ability to review existing literature and to construct their own research. (Formerly ACS 301.)

39.0 Hours Fees: $581.59

★ CSSH 502 Community Action Research

This course connects the classroom with the community to explore questions at the forefront of social research and community development. Students will be introduced to ways of thinking and scholarship that cut across disciplines, combine theory and practice, encourage collaboration, and work with the ambiguities of the real world. Students will strengthen their self-awareness, leadership skills, and capacities to research and communicate effectively about complex social issues.

39.0 Hours Fees: $581.59

☆ CSSH 505 Making the Future

This course focuses on areas such as health, innovation and entrepreneurship, religion, philosophy, diversity, and public engagement that present issues or opportunities for Canada in the future. Students will be challenged to imagine how these fields might change and what role they could play in achieving these transformations. Through presentations by experts in the field and weekly discussions, students will take up the challenge of making a future for Canada and themselves.

39.0 Hours Fees: $581.59

Sociology

☆ CSOC 103 How Society Works

Antirequisites: CSOC 104, CSOC 105, SOC 11 A/B, SOC 111, SOC 112; Not available to students in Child and Youth Care, Early Childhood Studies, Social Work, Sociology, Urban and Regional Planning

This course provides an introduction to some of the major issues in sociology. It examines how societies come into existence, how they are organized and maintained, and how they change. The major sociological perspectives are used to understand the relationship between culture, institutions and social behaviour; the process of socialization; globalization and the political-economic structure of Canadian society; and the resulting social inequalities of class, race and gender.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $590.98

☆ CSOC 104 Understanding Society

Antirequisites: SOC 11B, CSOC 103, CSOC 105, SOC 111

This course provides an introduction to some of the major issues in the discipline of sociology. Topics include: the major theoretical debates of classical sociology; research methods and problems; culture and socialization; the evolution of human societies; and the structure of Canadian society. Professionally-related examples are used throughout the course.

39.0 Hours Fees: $590.98

★ CSOC 107 Sociology of the Everyday

A sociological perspective allows us to see generality in particularity, and strangeness in the familiar. This course gives the students a sociological perspective useful for investigating ordinary, common everyday activities and interaction that most of us find routinely engaging. Some concentration is provided to the urban experience of everyday life. Through examining seemingly mundane behaviours–eating, chatting, watching TV, etc., students study underlying structures that shape social behaviour and learn about historical and qualitative social research methods.

39.0 Hours Fees: $641.07

☆ CSOC 202 Popular Culture

Antirequisite: SYC 185

What is considered popular culture is up for debate. This course examines different ideas about popular culture and how they inform our personal politics, consumption practices, and common-sense ideas about the world. We consider how different cultural industries are shaped, packaged for consumption, but sometimes resisted. Using a critical approach we sociologically examine cultural forms such as advertising, social activism, television, the cult of celebrity, music, electronic and film media, leisure customs, and everyday practices.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $590.98

☆ CSOC 203 Social Class and Inequality

Antirequisite: SOC 420

This course examines the distribution of power and wealth in society. As a social reality, inequality leaves no one untouched, whether or not we are conscious of it. This course traces the origins of social inequality and reflects on the various interpretations of social stratification. At the macro level, analysis examines how patterns of inequality are reproduced and altered over time. At the micro level, analysis considers how inequality shapes individual career choices and other experiences.

39.0 Hours Fees: $590.98

★ CSOC 502 Violence and the Family

Prerequisite: SOC 11B or CSOC 103 or CSOC 104 or CSOC 105 or SOC 111 or Direct Entry

This course explores the nature of violence, its manifestations in family life, its root causes, its consequences, and the social reaction to this violence. The family is viewed as a major social institution that is affected by the changes that occur within society. The primary goal is to facilitate students' understanding of violence and its relationship to family life within the socio-cultural context.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $572.20

☆ CSOC 506 Health and Society

The health care system in Canada is in crisis. Using relevant contemporary sociological theory, this course examines the historical evolution of modern medicine and the medical model, and their implications for society, health, and health care today. Topics include: the distribution of health and illness within Canadian society, environmental and occupational health, aging and health, gender issues in health care, and medical technology and ethics.

39.0 Hours Fees: $572.20

☆ CSOC 507 Race and Ethnicity in Canadian Society

Antirequisites: SOC 300, POG 313; Not available to Journalism program students

This course provides an introduction to the concepts, theories, and research methods most relevant to the study of racism and ethnicity

in everyday life. The development of multicultural societies and the historical context of racial and ethnic groups in Canada are examined. The role and impact of governmental and non-governmental policies (on immigration, employment, and employment equity for example), will be discussed in the context of a variety of social institutions such as schools and the judicial system.

39.0 Hours Fees: $572.20

☆ CSOC 603 Sociology of Gender

Antirequisite: SYC 200

This course examines the historical and cross-cultural expressions of gender inequality, and its consequences for both men and women. Emphasis is also placed on issues related to gender inequality in contemporary Canada, including gendered divisions in the workplace and the family, the role of governments in equity issues, and the process of socialization. The course concludes with an examination of prospects for the future.

39.0 Hours Fees: $572.20

☆ CSOC 605 Families: Difference and Diversity

Prerequisite: SOC 11B or CSOC 103 or CSOC 104 or CSOC 105 or SOC 111 or Direct Entry

Antirequisites: SOC 21B, FNF 520

Family life is shaped by social, economic and legal forces. This course is designed to explore how family structures and family dynamics have changed over time. The course looks at topics such as colonization, immigration, cohabitation, heterosexual and same sex marriage, childrearing theories, violence, divorce and remarriage. The course also explores the importance of laws and state policies for family structures.

39.0 Hours Fees: $572.20

☆ CSOC 606 Work and Families in the 21st Century

Prerequisites: SOC 11B or CSOC 103 or CSOC 104 or CSOC 105 or SOC 111 or Direct Entry

Antirequisites: SOC 21B, FNF 520

Family life is shaped by the relationship between the division of labour in the home and employment responsibilities in the workplace. This course is designed to explore how divisions of labour in the home and the workplace have changed over the years. The course looks at topics that include the gender and racial division of labour in the paid workforce and the home, motherhood, fatherhood, pregnancy work, as well as informal and marginal paid work such as sex work and migrant labour.

39.0 Hours Fees: $572.20

★ CSOC 608 Women, Power and Change

Prerequisite: SOC 11A/B or CSOC 103 or CSOC 104 or CSOC 105 or SOC 111 or Direct Entry

Antirequisites: SOC 28 A/B, SOC 942

This course examines the development of Canadian feminist movement, theories, issues, and practices and its impact on the lives of females and males in Canada. Globalization and issues of inequality and diversity among girls and women frame the exploration of the Canadian female condition in the paid and unpaid work realms, from the 1800s to the present.

This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $572.20

☆ CSOC 633 Sex, Gender Identities, and Sexualities

Antirequisite: CINT 906

This course examines the social and personal significance of sexuality in our lives and the relationship between the two. It discusses sexuality as it intersects with topics such as sexual orientation, race, disability, gender identity, sex work, the military, fashion, and music. In a world where same sex relations, trans identities, and non-heteronormative identities are becoming more common, how is it they are still highly problematic for many individuals, families, cultures, and religions?

39.0 Hours Fees: $572.20

★ CSOC 808 Sociology of Food and Eating

This course provides insights on social, historical and economic processes that shape what and how we eat. We will review how the food system is organized and how it affects people's food choices. We will discuss the relations between broader social and economic structures, such as class and gender relations, access to food, and everyday eating practices. We will also study causes of problems in the food systems, such as hunger, obesity and the farm crisis.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $572.20

☆ CSOC 880 Information Technology and Society

Not available to Business Technology Management students.

Information technology is now one of the major influences in modern life. Given the unprecedented rates of change, how do we formulate reasonable expectations? How do we make choices when we don't know what the future of technology holds? To answer questions such as these, we need to learn more about the interaction between technology and society. This course looks at the use and impact of information technology in areas such as engineering, medicine, manufacturing, education, and law. It looks at issues such as privacy, personal dignity, and the kind of life we want to lead. The course provides a historical framework and ideas which may be applied to other areas of technological change.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $572.20

☆ CSOC 885 Women, Islam and Modernity

This course will explore the position of women and gender relations in contemporary Muslim societies and North American Muslim communities, introducing a comparative perspective to the issues of Muslim women in their homelands and diaspora. Our discussions will focus on comparing different controversial issues within Islam, such as Muslim women's identity, veiling, Muslim family life, Muslim women in the war zones, and Muslim women's activism in their homeland and in the United States and Canada.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: $572.20

Spanish Studies

☆ CSPN 802 Spanish for Business Strategies

Prerequisite: CSPN 515 or placement test required (www.torontomu.ca/llc/).

This course is designed to give advanced students the specialized vocabulary and the necessary cultural and business knowledge to succeed in the Spanish-speaking world. It develops the required cross-cultural competence for students to communicate effectively in a Spanish-speaking business environment. Students will already know Spanish grammar and the vocabulary needed for everyday communication. Through the study of realistic situations, students acquire an in-depth knowledge of the Hispanic business community.

All students must take an interview/placement assessment before enroling in this course.

39.0 Hours Fees: $518.99

★ CSPS 502 Spanish Caribbean Literature and Culture

This course, taught in English, is intended to introduce students to the Spanish speaking Caribbean. Through the study of literature, painting, and cinema, students will have a broad overview of Hispanic Caribbean cultural traditions. Students will study three principal countries: Cuba, Puerto Rico, and the Dominican Republic. Major authors to be studied may include Rosario Ferré, Miguel Piñero, Nicolas Guillen, Aida Cartagena Portalatin, Julia de Burgos, Gertrudis Gomez de Avellaneda and Lydia Cabrera.

39.0 Hours Fees: $572.20

Spanning the Gaps

CYSG 110 Academic Preparation

Students will gain practice writing university-level essays, generate ideas using critical-thinking skills, utilize time management techniques to meet deadlines, and learn to properly tailor learning based on their individual learning styles. This interactive workshop will provide a comprehensive set of skills for success in a post-secondary environment. It is presented in an engaging classroom environment and will provide students with a comprehensive group of skills to become self-directed learners.

27.0 Hours Fees: $290.26

CYSG 140 Academic Success Foundations III

Department Consent Required

This experiential learning course will guide students through the study of logic and critical thinking. Using a peer-based model, students will have the opportunity to practise important skills in organization, time management, test preparation, and synthesizing information. Content will include deductive and inductive reasoning, argument structure, and other concepts in logic which will be covered through intensive weekly workshops. Upon successful completion of this course, students will improve their meta-cognitive and problem-solving abilities.

27.0 Hours Fees: $290.26

CYSG 170 Academic Success Foundations V

Department Consent Required

Making connections between academic texts and presenting them confidently in a university environment is an ongoing challenge for university students. This workshop provides creative learning strategies that build confidence and skill in making and articulating connections between course concepts. It also provides practical tools for the development of a mindset that supports academic success throughout students' academic careers. Course activities build self-efficacy, analytical thinking, and academic writing skills with wide application to university-level courses.

27.0 Hours Fees: $290.26

CYSG 180 Academic Success Foundations VI

This workshop provides students with the foundational skills required for success at university by engaging in ongoing reading, writing, self-reflection, and self-assessment in order to build learning tools that are best suited to each students' needs. Through discussion and hands-on activities, students will build a "personal theory of university" and a collective sense of what to expect academically, socially, and personally in undergraduate studies.

This course requires department consent.

27.0 Hours Fees: $290.26

International University Foundation Program

CIUF 115 Math Foundations

CIUF 115 is the first of two courses to help students successfully prepare for the future study of Mathematics or Statistics. This course focuses on improving your basic arithmetic skills, such as working with whole numbers, fractions, decimals, and percentages. The course will also cover topics in algebra, such as algebraic representations, operations with polynomials, solving linear equations and inequalities, solving systems of two linear equations in two variables, exponents and radicals, factoring, and graphing linear equations. The course is taught online.

104.0 Hours Fees: $1411.81

SUSTAINABILITY, PLANNING, AND THE ENVIRONMENT

Facility and Property Management

★ CDFM 102 Facility Management Fundamentals

In this introductory course, students will learn about the development of facility management as a profession and the challenges and opportunities arising from the multifaceted role the facility manager must play in an organization. Students will learn about the core competencies and explore functions such as building operations and maintenance, space management and office layout, project management, leasing, security, IT, contracting, and interfaces with other departments. This course prepares the student for more in-depth topics in other courses. (Equivalent to IDE 311.)

39.0 Hours Fees: $703.38

✪ CDFM 103 Project Planning, Design, and Management

The role of the facility manager includes planning, design, and management of space and building projects. This course outlines the function of the facility manager as the initiator of projects and then the orchestrator of other related professionals, including the architect, engineer, and design consultant. Students will learn about project feasibility studies, budgeting, various stages of project planning, design, and execution. Issues include regulator and legal issues, corporate culture, contracting, performance, and accountability.

39.0 Hours Fees: $894.66

✪ CDFM 104 Building Operations and Maintenance

Facility managers become involved in physical building issues whether their company owns their own building or they are a tenant. This course outlines the relevance of understanding building systems and the elements needed to interface with other related professionals, including problem solving. Students will learn the building systems and impacts to their role and related topics such as architecture, design, building codes, occupational and environmental health, risk and security, service contract management, sustainability, commissioning, and facility planning.

39.0 Hours Fees: $894.66

✪ CDFM 105 Space Planning and Management

This course outlines the critical areas to provide an effective work environment for your organization. Students will learn current techniques applied to the planning and management of office space, concepts used in office accommodation space requirement survey and reporting, and the various planning principles for systems and conventional office planning. Space standardization programs and the importance of good planning and its relationship to modern communications techniques are reviewed in application to new and existing facilities.

39.0 Hours Fees: $894.66

✪ CDFM 106 Leadership, Strategy, Business

Facility management has developed into much more than a technical role. The facility manager's ability to function within their organization at the same level as other senior managers is crucial to successfully delivering leading facilities services and solutions for their organization. This course will cover the crucial skills of providing leadership, developing strategy, applying business principles, and understanding and managing finances and budgets as it relates to the delivery of facility management services and the facility manager's role.

39.0 Hours Fees: $894.66

✪ CDFM 107 Recruiting and Managing Employees and Procuring Contractors

The delivery of facility services relies on both employees and service contractors to meet the needs of an organization. The ability to hire, procure, and effectively manage resources influences the level of service delivery and achievement of objectives. This course covers both employees and subcontracted resources; the ideal framework elements for procurement of services and managing service contractors; and methods for establishing job descriptions, hiring, and training employees, as well as evaluating and managing their performance.

39.0 Hours Fees: $894.66

✪ CDFM 110 Leasing and Lease Administration

Most facility managers are involved with leasing at some point, whether you are leasing from a landlord, leasing to tenants, manage roof top leases, or cafeteria leases. This course will provide students with the knowledge of lease documents, clauses, issues and considerations when conducting leasing activities, including how to work with brokers. In addition, the processes for lease administration from the lessee and lessor perspective will be covered.

19.5 Hours Fees: $432.01

✪ CDFM 111 Capital and Asset Management

The facilities assets, including buildings or furniture and tenant improvements, is a large investment by your company and needs to be managed to protect the value and preserve its function for your company. This course will outline the methods of tracking and managing assets as well as developing capital asset replacement and renewal plans using performance and condition information.

19.5 Hours Fees: $432.01

✪ CDFM 112 Risk, OHS, Regulations, and the Law

Managing facilities incurs many risks for the facility manager and the organization. This course outlines those risks as well as the facility manager's responsibilities for managing and mitigating those risks, like risks related to the physical infrastructure of the buildings, overall occupational health and safety for employees and occupants, as well as other regulatory responsibilities including a review of the law and precedence related to responsibilities and due-diligence.

19.5 Hours Fees: $432.01

✪ CDFM 113 Sustainability in Facilities

Sustainability in facility management is important due to the large environmental impacts and energy consumption of modern facilities. While sustainability should be integrated within other processes and decision making activities, this course provides the key areas of expertise and knowledge for this important topic by discussing technical solutions, supplies and consumables, and process, as well as how to justify and sell sustainability initiatives to your organization and your occupants.

19.5 Hours Fees: $432.01

✪ CDFM 114 Real Estate Planning and Development

Commercial real estate is the foundation of the facility manager's role, whether dealing with an acquisition, new construction, or leasing of premises. This course outlines the primary elements of each one, preparing the student to deal with all potential scenarios. Students will learn about site selection, market analysis, the changing real estate market, procurement of design/construction, real estate programming and requirement of analysis, lease negotiation techniques, asset monitoring and control, and real estate and the law.

19.5 Hours Fees: $432.01

Planning

★ CPLE 795 Local Economic Development Fundamentals

This course introduces learners to the basics of local economic development. The course provides a historical overview of the profession and roles EDP's play in the local economy. The course focuses on the spectrum of LED activities for EDP's: strategic planning, LED marketing, economic impact analysis and KPIs, foreign direct investment and strategic alliances, business retention and expansion, investment readiness, tourism development and urban renewal, governance, ethics and public relations, among other topics.

39.0 Hours Fees: $619.16

☆ CPLE 845 Selected Topics in Planning

This one-term course will address current topic relevant to the practice and profession of planning.

Starting from a base of critical thought, this course examines the theory and popular debate about why our climate is changing, then expands to explore how the change is manifested on a global and local scale. Building on the observed change, this course also discusses forecasted environmental effects and explores how, as a society, we can best adapt to and mitigate the change.

Registered certificate program students without the course prerequisites who wish to take this course may contact Chang School Client Services (ce@torontomu.ca) for more information.

39.0 Hours Fees: $588.90

☆ CPLE 895 Conflict Resolution and Dispute Negotiation

Prerequisite: PLG 420 or UP002 or UP003; Antirequisite: CINT 905

Conventional ways of handling public disputes no longer seem to be working. Planners who are involved in building new facilities, dealing with community opposition, developing environmental standards, or allocating limited resources to meet emerging social standards, face stiff opposition no matter where they turn. The result is costly, time-consuming, and erodes public confidence in our basic institutions. This course will use case studies, projects, and participatory techniques to show how public dispute management can lead to consensus building strategies that not only save time and money, but produce broadly acceptable agreements.

39.0 Hours Fees: $584.73

★ CPLE 995 Ecn Development and Business Improvement

Prerequisite: CPLE 795

This course builds on the foundation laid in PLE 795 by adding specialized topics and techniques that are deployed by economic development professionals, including entrepreneurship ecosystems, municipal planners and EDP's relationship, business improvement areas and their role in LED, and sustainable business succession strategies for communities among other topics.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

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39.0 Hours Fees: $619.16

✪ CVUP 100 Foundations of Planning

Department Consent Required

This course will address the following areas: planning concepts; planning techniques; planning theory; policy in the planning realm; and the institutional context of planning. While the course will address the basis of physical design and related planning concepts and techniques, it will also focus on contextual factors impacting on planning practice and the theoretical underpinnings of planning.

75.0 Hours Fees: $1338.12

✪ CVUP 155 LED Applied Research Project

Prerequisites: (PLE 745 or CPLE 795) and (CPLE 845 or CPLE 995)

This course is an applied research paper focused on core LED topics learned in CPLE 745/PLE 745. A key outcome of a municipal LED case study will be an analysis of how community members can be engaged and mobilized on an issue or initiative for community benefit and how community leadership can be activated and supported in that endeavour.

30.0 Hours Fees: $845.35

✪ CVUP 160 Capstone Project in LED

Prerequisites: (PLE 745 orCPLE 795) and (CPLE 845orCPLE 995)

This course is a capstone project that builds on the topics learned in CPLE 745/PLE 745 and CPLE 845/PLE 845. Groups of students will be formed. Students will be provided an LED project that reflects a specific challenge in a community. Examples of possible projects include the development of a presentation based on analysis of a set of real life scenarios or the analysis of a community issue.

Students should contact the Academic Coordinator Frank Miele at frank.miele@torontomu.ca as early as possible to discuss their project idea and to allow time for an experiential learning option to be organized.

Visit our **Experiential Learning** page to see examples of past projects.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: There are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q&As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

30.0 Hours Fees: $845.35