Engineering

Please Note:

Prospective job candidates are URGED to check with the respective department, dean, or expert office for a more detailed description of the job. DO NOT apply for jobs on CUPE 3912 but directly with the contact person for each job posting. Some departments may accept applications by email or fax. Please ensure you include your resume and cover letter (COMPLETE CV will be applicable case). It is most expected

Jobs are listed newest to oldest and expired job postings are periodically archived.

Upcoming Events
MON 29 Jul 2024 CUPE Monthly Stepping Stones
WED 31 Jul 2024 CUPE 3912 Executive Meeting Minutes
TUE 06 Aug 2024 CUPE Monthly Stepping Stones
Show 5 ▾ View Calendar ▾

CUPE 3912 Updates
CUPE 3912 Letter of Support for PSAC-UCU
CUPE 3912 Executive letter of support for CUPE Ontario Renewal of Masters course survey
CUPE 3912 Letter of Support for Strong Alberta CUPE Locals
Protest Nova Scotia Universities - Stop Bill 124
CUPE 3912 Executive Endorsement of Christine Sunder for CUPE Nova Scotia President

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If you have a potential grievance, please contact your VP directly.

Part-Time Teaching Position

The Division of Engineering is offering a part-time teaching position in Fall 2024 (Sept-Dec) and is looking for candidates with a minimum of a master's degree (PhD and/or industrial experience preferred).

ECMC 2201 – Fundamentals of Process Engineering

Class period: September 4, 2024 – December 11, 2024

Exams period: December 12 – December 20, 2024

Lecture: Monday and Wednesday; 11:30 a.m. – 12:45 p.m.

Lab: Tuesday; 2:30 p.m. – 5:20 p.m.

Course description: Students are introduced to the fields of Thermodynamics and Fluid Mechanics in an integrated manner. It covers the basic properties of fluids and gases, ideal and real gas behavior, the first and second laws of thermodynamics, enthalpy, entropy, as well as Carnot, Rankine and power/refrigeration cycles.

Applicants are asked to provide a cover letter, a current C.V., a teaching dossier (including evidence of teaching effectiveness and graduate school transcripts along with relevant evaluations, if available), and the names and addresses of three references.

Complete applications should be submitted as **a single PDF file** to engineering@ryerson.ca with the following in the subject line: **'ECMC2201 – Fundamentals of Process Engineering, Fall 2024'**

Application deadline: **Wednesday, September 4th, 2024**

Part-Time Teaching Position

The Division of Engineering is offering a part-time teaching position in Fall 2024 (Sept-Dec) and is looking for candidates with a minimum of a master's degree (PhD and/or industrial experience preferred).

ECMC 2204 – Electric Circuits I

Class period: September 4, 2024 – December 11, 2024

Exams period: December 1 – December 19, 2024

Candidates can apply to one or both of the following lectures:

Lecture A: Tuesday and Thursday 10:00 am – 11:15 am

Lecture B: Monday and Wednesday 10:00 am – 11:15 am

Course description: Students are introduced to the fundamental laws of electric circuits and circuit parameters, the concept of time-constants, impedances and admittances and general circuit analysis. Topics include: Ohm's law, Kirchhoff's law, Thevenin's theorem, nodal/mesh analysis, loop and node equations, network theorems, super position, Thevenin/Norton, N.C. circuits, sinusoidal response, power factor, three-phase circuits, transients in simple circuits.

Applicants are asked to provide a cover letter, a current C.V., a teaching dossier (including evidence of teaching effectiveness and graduate school transcripts along with relevant evaluations, if available), and the names and addresses of three references.

Complete applications should be submitted as **a single PDF file** to engineering@ryerson.ca with the following in the subject line: **'ECMC 2204 – Electric Circuits, Fall 2024'** (please indicate which lecture you are applying for (A or B or both).

Application deadline: **Wednesday, September 4th, 2024**

Part-Time Teaching Position

The Division of Engineering is offering a part-time teaching position in Fall 2024 (Sept-Dec) and is looking for candidates with a minimum of a master's degree (PhD and/or industrial experience preferred).

ECMC 2304 – Mechanics of Materials Lab

Class period: September 4, 2024 – December 10, 2024

Exams period: December 1 – December 19, 2024

Candidates can apply to one or both of the following Lab sections:

Lab A: Friday 8:30 a.m. – 11:20 a.m.

Lab B: Friday 2:30 p.m. – 5:20 p.m.

Course description:

This course is an introduction to the techniques and theories involved in the analysis of strength, deformation and stability of structural members and assemblies under the action of forces. Students are provided with the opportunity to develop their understanding of the relationships between loads applied to rigid bodies and the resulting stresses and strains.

Topics include stress and strain, axially loaded members, torsionally loaded members, beams, transformation of stress, buckling, column loading, and an introduction to the Theory of Elasticity. A design project is a component of this course.

Application Details:

Applicants are asked to provide a cover letter, a current C.V., a teaching dossier (including evidence of teaching effectiveness and graduate school transcripts along with relevant evaluations, if available), and the names and addresses of three references.

Complete applications should be submitted as **a single PDF file** to engineering@ryerson.ca with the following in the subject line: **'ECMC 2304 – Mechanics of Materials, Fall 2024, Lab A'** (please specify which lab section (A or B) you are applying for).

Application deadline: **Wednesday, September 4th, 2024**

Part-Time Teaching Position

The Division of Engineering is offering a part-time teaching position in Fall 2024 (Sept-Dec) and is looking for candidates with a minimum of a master's degree (PhD and/or industrial experience preferred).

ECMC 2304 – Mechanics of Dynamics

Class period: September 4, 2024 – December 10, 2024

Exams period: December 1 – December 19, 2024

Lecture: Monday and Wednesday 11:30 a.m. – 12:45 p.m.

Lab: Tuesday 2:30 p.m. – 5:20 p.m.

Course description: Topics include rectilinear and curvilinear kinematics using Cartesian, normal-tangential, and polar cylindrical labels; projectile motion with zero and non-zero drag.

Topics also include continuous and discrete forms of the second law: work-energy, conservation of energy; impulse-momentum. Students are introduced to the Newtonian analysis of bodies in translation, rotation about a fixed axis, and plane general motion. Planar mechanisms with pin joints, sliding connections, and gears are addressed.

Applicants are asked to provide a cover letter, a current C.V., a teaching dossier (including evidence of teaching effectiveness and graduate school transcripts along with relevant evaluations, if available), and the names and addresses of three references.

Complete applications should be submitted as **a single PDF file** to engineering@ryerson.ca with the following in the subject line: **'ECMC 2304 – Mechanics of Dynamics, Fall 2024'**

Application deadline: **Wednesday, September 4th, 2024**

Part-Time Teaching Position

The Division of Engineering is offering a part-time teaching position in Fall 2024 (Sept-Dec) and is looking for candidates with a minimum of a master's degree (PhD and/or industrial experience preferred).

ECMC 1206 – Technical Communications Lab

Class period: September 4, 2024 – December 10, 2024

Exams period: December 1 – December 19, 2024

Candidates can apply to either of the following Lab sections:

Lab B: Thursday 2:30 p.m. – 5:20 p.m.

Lab C: Wednesday 4:00 p.m. – 5:20 p.m.

The course instructor will work together with Lab instructors to ensure a consistent course material coverage.

Course description: Students are exposed to the history of engineering and its disciplines, academic regulations, ethics, equity and professional responsibility. Students are provided with the practical communication skills associated with the Engineering profession including: technical writing, technical writing presentations, public speaking, and communication theory.

Applicants are asked to provide a cover letter, a current C.V., a teaching dossier (including evidence of teaching effectiveness and graduate school transcripts along with relevant evaluations, if available), and the names and addresses of three references.

Applicants should submit a package, consisting of: letter of application, curriculum vitae, teaching dossier (including evidence of teaching effectiveness and graduate school transcripts, and names and contact information of three references. Complete applications should be submitted as **a single PDF file** to engineering@ryerson.ca with the following in the subject line: **'ECMC 2204 – Probability and Statistics for Engineers, Summer 2024'**

Application deadline: **Tuesday, July 2, 2024**

Part-Time Teaching Position

The Division of Engineering at Saint Mary's university is offering a part-time teaching position for one course in Spring 2024 and is looking for candidates with a minimum of a Master's degree, with a PhD in industrial experience preferred.

ECMC 2304 – Mechanics of Materials

Class period: May 6, 2024 – June 22, 2024 – Exams period: June 20 - 22, 2024

Lecture Monday and Wednesday 5:00 p.m. – 11:29 p.m.

Lab: Monday and Wednesday 1:30 p.m. – 4:29 p.m.

Course description:

Prerequisites: MATH 1211, and ECMC 1203 (min grade C). This course is an introduction to the techniques, and theories involved in the analysis of strength, deformation and stability of structural members and assemblies under the action of forces. Students are provided with the opportunity to develop their understanding of the relationships between loads applied to rigid bodies and the resulting stresses and strains. Topics include: stress and strain, axially loaded members, torsionally loaded members, flexural loading, combined loadings, column loading, and an introduction to the Theory of Elasticity. A design project is a component of this course. Application Details:

Qualified candidates are asked to provide a cover letter, a current C.V., a teaching dossier (including evidence of teaching effectiveness and graduate school transcripts along with relevant evaluations, if available), and the names and addresses of three references.

Complete applications should be submitted as **a single PDF file** to engineering@ryerson.ca with the following in the subject line: **'ECMC 2304 – Mechanics of Materials, Fall 2024'**

Application deadline: **Friday, April 26th, 2024**

Part-Time Teaching Position

The Division of Engineering at Saint Mary's university is offering a part-time teaching position for one course in Spring 2024 and is looking for candidates with a minimum of a Master's degree, with a PhD in industrial experience preferred.

ECMC 2301 – Eng Mechanics II: Dynamics

Class period: May 6, 2024 – June 22, 2024 – Exams period: June 20 - 22, 2024

Lecture: Tuesdays and Thursdays 9:30 a.m. – 10:29 p.m.

Lab: Thursdays and Thursdays 1:30 p.m. – 4:29 p.m.

Course description:

Prerequisites: MATH 1211, ECMC 1203 (min grade C), and CSCI 1021. Topics include: rectilinear and curvilinear kinematics using Cartesian, normal-tangential, and polar cylindrical labels; projectile motion with, zero and non-zero drag. Topics also include continuous and discrete forms of the second law: work-energy, conservation of energy; impulse-momentum. Students are introduced to the Newtonian analysis of bodies in translation, rotation about a fixed axis, and plane general motion. Planar mechanisms with pin joints, sliding connections, and gears are addressed. Classes 3 hrs. and lab 3 hrs. a week.

Application Details:

Qualified candidates are asked to provide a cover letter, a current C.V., a teaching dossier (including evidence of teaching effectiveness and graduate school transcripts along with relevant evaluations, if available), and the names and addresses of three references. Qualified candidates are encouraged to apply. Ryerson preference will be given to Canadian citizens or permanent residents.

Complete applications should be submitted as **a single PDF file** via e-mail to: **engineering@ryerson.ca**.

Please indicate the following in the subject line: **'ECMC 2301 – Mechanics of Materials, Spring 2024'**

Application deadline: **Friday, April 26th, 2024**

Part-Time Teaching Position

The Division of Engineering at Saint Mary's University is offering a part-time teaching position for one course in Spring 2024 and is looking for candidates with a minimum of a Master's degree, with a PhD in industrial experience preferred.

ECMC 2301 – Eng Mechanics II: Dynamics

Class period: May 6, 2024 – June 22, 2024 – Exams period: June 20 - 22, 2024

Lecture: Tuesdays and Thursdays 9:30 a.m. – 10:29 p.m.

Lab: Thursdays and Thursdays 1:30 p.m. – 4:29 p.m.

Course description:

Prerequisites: MATH 1211, ECMC 1203 (min grade C), and CSCI 1021. Topics include: rectilinear and curvilinear kinematics using Cartesian, normal-tangential, and polar cylindrical labels; projectile motion with, zero and non-zero drag. Topics also include continuous and discrete forms of the second law: work-energy, conservation of energy; impulse-momentum. Students are introduced to the Newtonian analysis of bodies in translation, rotation about a fixed axis, and plane general motion. Planar mechanisms with pin joints, sliding connections, and gears are addressed. Classes 3 hrs. and lab 3 hrs. a week.

Application Details:

Qualified candidates are asked to provide a cover letter, a current C.V., a teaching dossier (including evidence of teaching effectiveness and graduate school transcripts along with relevant evaluations, if available), and the names and addresses of three references. Qualified candidates are encouraged to apply. Ryerson preference will be given to Canadian citizens or permanent residents.

Complete applications should be submitted as **a single PDF file** via e-mail to: **engineering@ryerson.ca**. Please indicate the following in the subject line: **'ECMC 2301 – Eng Mechanics II: Dynamics, Spring 2024'**

Application deadline: **Friday, April 26th, 2024**

Part-Time Teaching Position

The Division of Engineering is offering a part-time teaching position for one course in Winter 2024 and is looking for candidates with a minimum of a Master's degree, with a PhD in industrial experience preferred.

ECMC 2211 – Circuit Analysis (Electric Circuits I)

Class period: January 8 – April 8, 2024 – Exams period: April 11 – April 22, 2024

Lecture: Mon and Wed, 10:00 a.m. – 11:15 a.m. (On Campus)

Lab: Wed, 2:30 p.m. – 5:20 p.m. (On Campus)

Course Description: This course builds on the introduction to electric circuits in ECMC 2204. Topics include sinusoidal steady-state response phasor diagrams and impedance concepts, power and energy, mutual inductance and transformers, balanced and unbalanced three-phase circuits, and two "minor-loop" series/resonance Butterworth band-pass and P.C. network.

Applicants are asked to provide a cover letter, a current C.V., a teaching dossier (including evidence of teaching effectiveness and graduate school transcripts along with relevant evaluations, if available), and the names and addresses of three references.

Complete applications should be submitted as **a single PDF file** to engineering@ryerson.ca with the following in the subject line: **'ECMC 2211 – Circuit Analysis (Electric Circuits I), Winter 2024'**

Application deadline: **Wednesday, November 1st, 2023**

Part-Time Teaching Position

The Division of Engineering is offering a part-time teaching position in Fall 2023 (Sept-Dec) and is looking for candidates with a minimum of a Master's degree (PhD and/or industrial experience preferred).

ECMC 2201 – Fundamentals of Process Engineering

Class period: September 6, 2023 – December 20, 2023 – Exams period: Dec 9 – Dec 20, 2023

Lecture: Monday and Wednesday; 11:30 a.m. – 12:45 p.m.

Lab: Tuesday; 2:30 p.m. – 5:20 p.m.

Course description: Students are introduced to the fields of Thermodynamics and Fluid Mechanics in an integrated manner. It covers the basic properties of fluids and gases, ideal and real gas behavior, the first and second laws of thermodynamics, enthalpy, entropy, as well as Carnot, Rankine and power/refrigeration cycles.

Applicants are asked to provide a cover letter, a current C.V., a teaching dossier (including evidence of teaching effectiveness and graduate school transcripts along with relevant evaluations, if available), and the names and addresses of three references.

Complete applications should be submitted as **a single PDF file** to engineering@ryerson.ca with the following in the subject line: **'ECMC2201 – Fundamentals of Process Engineering, Fall 2023'**

Application deadline: **Thursday, Aug 10th, 2023**

Posting Detail Information

Term of appointment	September-December 2023
Open Date	08/09/2023
Close Date	
Open Until Filled	
Quick Link To Direct Access to Posting	https://jobs.peopleadmin.ryerson.ca/postings/13873

Position Title	Part-Time Academic (Engineering Design) – ENGN 1501) – Fall 2023
Posting Number	PTAPS1339P
Department/Unit	Engineering - Civil ACC
Location	Toronto, Nova Scotia, Canada
Job Summary & Key Responsibilities	We are seeking a Part-time Academic who will be responsible for teaching the undergraduate laboratory of ENGN 1501 Engineering Design (at the Truro campus) in the Fall 2023 semester. The part-time academic will be responsible for teaching the lab, preparing and administering the class, including labs, tutorials, lectures, assignments, and marking. Students will be expected to attend the lab. Office hours will be required. The position reports to the Chair of the Department. The Truro campus Fall 2023 offering of this course is scheduled for Tuesdays 1:00-3:50 and Wednesdays 1:00-3:50 and Thursdays 8:30-11:20. Students are introduced to the concept of Engineering Design and the design process. Procedures and techniques for the application of mathematical, scientific and technical reports are presented. Students develop skills in manual drawing and computer-aided drafting.
Qualifications Requirements of Position	The successful candidate must have a Professional Engineer (P.Eng.) designation or equivalent designation, as well as a degree in Engineering or equivalent academic and industry experience. Awareness of Canadian Engineering practice and standards is required. Candidates must have a strong background and experience in Engineering Design. Candidates must have the ability to work as a team member. Experience using a variety of computer software packages including Solidworks University and Engineering as its core.
Salary Range/Pay Rate	Per CUPE Collective Agreement
Additional Information	Dalhousie University commits to achieving inclusive excellence through continually championing equity, diversity, inclusion and accessibility. The university encourages applications from qualified candidates (especially BIPOC), persons of Black/African descent, Indigenous, Black and racialized persons, persons with racialized groups, persons with disabilities, women, and persons identifying as members of 2SLGBTQ+ communities. Dalhousie University is committed to the diversity of our community. For more information, please visit **www.dal.ca/diversity/diversity**.

Documents Needed to Apply

Required Documents

1. Cover Letter
2. Résumé / Curriculum Vitae (CV)
3. List of referees

Part-Time Teaching Position

The Division of Engineering is offering a part-time teaching position in Summer 2023 (Jul - Dec) and is looking for candidates with a minimum of a Master's degree (PhD and/or industrial experience preferred).

The course and its labs will be offered **Synchronous online**. Instructors must be prepared to deliver online, record students, and make all assessments entirely remote.

EGME 2300 — Probability and Statistics for Engineers

Class period: July 5 - August 22, 2023

Lecture: Mondays and Wednesdays 1:30 p.m. - 1:(29) p.m.

Labs: Mondays and Wednesdays 1:30 p.m. - 2:50 p.m.

Course description: The topics covered include probability laws and the interpretation of numerical data, probability distributions and probability densities, functions of random variables, joint distributions, characteristic functions, inferences concerning mean and variance, tests of hypotheses, an introduction to linear regression. The course emphasizes engineering applications and makes extensive use of statistical computer packages.

Applicants should submit a package, consisting of letter of application, curriculum vitae, teaching dossier including evidence of teaching effectiveness and graduate school transcripts, and names and contact information of three referees. Complete applications should be submitted as a **single PDF file** to engineering@uwo.ca, with the following in the subject line: **'EGME 2300 – Probability and Statistics for Engineers, Summer 2023'**.
Application deadline: **Monday, May 29, 2023**.

Part-Time Teaching Position

The Division of Engineering is offering a part-time teaching position in Summer 2023 (May - Aug) and is looking for candidates with a minimum of a Master's degree (PhD and/or industrial experience preferred).

The course and its labs will be offered **Synchronous online**. Instructors must be prepared to deliver online, record students, and make all assessments entirely remote.

EGME 2302 — Engineering Economics

Class period: July 5 - August 22, 2023

Lecture: Tuesdays and Thursdays 9:30 a.m. - 12:(29) p.m.

Labs: Tuesdays and Thursdays 1:30 p.m. - 2:(29) p.m.

Course description: This course deals with the economics of engineering design.

Students are introduced to the fundamental concepts and cash flow diagrams and interest factors as dealt with in some detail. A variety of discounted cash flow techniques are covered including rate of return calculations. Topics also include inflation, tax, replacement and risk.

Applicants should submit a package, consisting of letter of application, curriculum vitae, teaching dossier including evidence of teaching effectiveness and graduate school transcripts, and names and contact information of three referees. Complete applications should be submitted as a **single PDF file** to engineering@uwo.ca, with the following in the subject line: **'EGME 2302 – Engineering Economics, Summer 2023'**.

Application deadline: **Monday, May 29th, 2023**.

Position Title	Part-Time Academic (MEN 1000) Introductory Calculus I – Winter 2023
Posting Number	PTAPT/SAP
Department/Unit	Engineering – Dal AC
Location	Truro

The instructor is responsible for the administration and in-person delivery of MTHA 1000, Introductory Calculus I. The winter of 2023. The part-time academic will be responsible for all aspects of teaching and administering the course, including: preparation of lectures, assignments and evaluation. As well, student contact through virtual or in-person office hours will be required. The position reports to the Chair of the Department.

Job Summary & Key Responsibilities	The Winter 2023 Semester this courses scheduled to take place in person on the Truro campus. Lectures will take place Monday, Wednesday and Fridays 10:35-11:25 with tutorial taking place on Wednesdays 14:05 - 14:55.

Topics will include functions and their inverses, limits, continuity, derivatives, chain rule, implicit differentiation and logarithmic functions, product and quotient rules, and implicit differentiation, with applications to curve sketching, optimization problems, related rates, and linear approximation problems. This course also includes an introduction to anti-derivatives and applications of the definite integral to a variety of problems.

Qualifications/Requirements of Position	The candidate should have a graduate degree in equivalent or related discipline, preferably in Mathematics or related degree. Candidates must have a strong background and experience in teaching, good communication skills, and ability to work as a team member. Experience in the learning management system used at Dalhousie University is an asset. Prior experience teaching a math at the university level is an asset.
Salary Range/Pay Rate	Per CUPE Collective Agreement
Additional Information	Dalhousie University committs to achieving inclusive excellence through continually championing equity, diversity, inclusion, and accessibility. The university encourages applications from Indigenous persons (especially Mi'kmaq), persons of Black/African descent, persons of colour, persons with disabilities, women, and persons identifying as members of 2SLGBTQI+ communities, and all candidates who would contribute to the diversity of our community. For more information, please visit www.dal.ca/hiringfordiversity

Posting Detail Information

Term of appointment	January – April 2023
Open Date	11/28/2022
Close Date	12/08/2022
Open Until Filled	
Quick Link for Direct Access to Posting	https://dal.peopleadmin.ca/postings/11245

Documents Needed to Apply

Required Documents

1. Cover Letter
2. Résumé / Curriculum Vitae (CV)

Position Title	Part Time Academic (MTE 3016) Communication Technology – Winter 2023
Posting Number	PTAPT/SAP
Department/Unit	Engineering – Dal AC
Location	Truro

The instructor is responsible for the administration and in-person delivery of MTE 3016, Communication Technology. the winter of 2023. The part-time academic will be responsible for all aspects of teaching and administering the course, including: preparation of lectures, assignments and evaluation. As well, student contact through virtual or in-person office hours will be required. The position reports to the Chair of the Department.

Job Summary & Key Responsibilities	The Winter 2023 Semester this courses scheduled to take place in person on the Truro campus. Lectures will take place Wednesdays 14:05 - 17:25.

This course will cover wireless issues,systems, and methodology in computer-assisted communications technology. Amongst the topics covered are: Wireless Systems, Wireless Networks and Usage

Qualifications/Requirements of Position	Computer-aided production, web page design, and presentation software usage fundamentals; classes in graphic design and screen printing will be unfeasible time allowing; Computer-aided production, presentation techniques andintellectual design situations. The candidate should have a graduate degree in equivalent academic experience in Computer Science, Graphic Design or related degree. Candidates must have a strong background and experience in teaching, good communication skills, and ability to work as a team member. Experience in the learning management system used at Dalhousie University is an asset. Prior experience teaching a math at the university level is an asset. Knowledge of the Technology Education Program in Nova Scotia is desired
Salary Range/Pay Rate	Per CUPE Collective Agreement
Additional Information	Dalhousie University committs to achieving inclusive excellence through continually championing equity, diversity, inclusion, and accessibility. The university encourages applications from Indigenous persons (especially Mi'kmaq), persons of Black/African descent, persons of colour, persons with disabilities, women, and persons identifying as members of 2SLGBTQI+ communities, and all candidates who would contribute to the diversity of our community. For more information, please visit www.dal.ca/hiringfordiversity

Posting Detail Information

Term of appointment	January – April 2023
Open Date	11/28/2022
Close Date	12/08/2022
Open Until Filled	
Quick Link for Direct Access to Posting	https://dal.peopleadmin.ca/postings/11241

Documents Needed to Apply

Required Documents

1. Cover Letter
2. Résumé / Curriculum Vitae (CV)

Position Title	Part Time Academic (CSCI 5500) Computer Methods – Winter 2023
Posting Number	PTAPT/SAP
Department/Unit	Engineering – Dal AC
Location	Truro

The instructor is responsible for the administration and in-person delivery of CSCI 5500, Computer Methods. the winter of 2023. The part-time academic will be responsible for all aspects of teaching and administering the course, including: preparation of lectures, assignments and evaluation. As well, student contact through virtual or in-person office hours will be required. The position reports to the Chair of the Department.

Job Summary & Key Responsibilities	The Winter 2023 Semester this courses scheduled to take place in person on the Truro campus. Lectures will take place Wednesdays, Wednesdays and Fridays 9:30-10:25 with labs taking place on Thursdays 11:35-12:25.

This is a course to develop problem-solving and decision making abilities and computational skills using computer software. Amongst the topics covered are: Computer Hardware, Wireless Networks and Usage

Qualifications/Requirements of Position	The candidate should have a graduate degree in equivalent academic experience in Computer Science, Graphic Design or related degree. Candidates must have a strong background and experience in teaching, good communication skills, and ability to work as a team member. Experience in the learning management system used at Dalhousie University is an asset. Prior experience teaching a math at the university level is an asset. Knowledge of the Technology Education Program in Nova Scotia is desired
Salary Range/Pay Rate	Salary Range/Pay Rate Per CUPE Collective Agreement
Additional Information	Dalhousie University committs to achieving inclusive excellence through continually championing equity, diversity, inclusion, and accessibility. The university encourages applications from Indigenous persons (especially Mi'kmaq), persons of Black/African descent, persons of colour, persons with disabilities, women, and persons identifying as members of 2SLGBTQI+ communities, and all candidates who would contribute to the diversity of our community. For more information, please visit www.dal.ca/hiringfordiversity

Posting Detail Information

Term of appointment	January – April 2023
Open Date	11/28/2022
Close Date	12/08/2022
Open Until Filled	
Quick Link for Direct Access to Posting	https://dal.peopleadmin.ca/postings/11082

Documents Needed to Apply

Required Documents

1. Cover Letter
2. Résumé / Curriculum Vitae (CV)

Position Title	Part Time Academic (AFE 4004) Energy Conversion and Assessment (A) – Winter 2023
Posting Number	PTAPT/SAP
Department/Unit	Engineering – Dal AC
Location	Truro

The instructor is responsible for the administration and in-person delivery of AFE 4004, Energy Conversion and Assessment (A) during the winter of 2023. The part-time academic will be responsible for all aspects of teaching and administering the course, including: preparation of lectures, assignments and evaluation. As well, student contact through virtual or in-person office hours will be required. The position reports to the Chair of the Department.

Job Summary & Key Responsibilities	The Winter 2023 Semester this course is scheduled to take place in person on the Truro campus. Lectures will take place Tuesdays, and Thursdays 10:35-11:25 with labs taking place on Mondays 11:35 - 14:25.

Support facilities, equipment and systems for aquatic production; Aquaculture in relation to other industries; selection of component materials and structures suitable for confinement protection, and growth of aquaculture species; Aquaculture in relation to other industries; Support for restocking systems for aquaculture, and the principles of water flow and handling in open and closed conduits

Qualifications/Requirements of Position	The candidate should have a graduate degree or equivalent in Aquaculture, Engineering, Environmental Science, Aquaculture or related degree. Candidates must have a strong background and experience in teaching, good communication skills, and ability to work as a team member. Experience in the learning management system used at Dalhousie University is an asset. Prior experience teaching a similar course at the university level is an asset.
Salary Range/Pay Rate	Salary Range/Pay Rate Per CUPE Collective Agreement
Additional Information	Dalhousie University committs to achieving inclusive excellence through continually championing equity, diversity, inclusion, and accessibility. The university encourages applications from Indigenous persons (especially Mi'kmaq), persons of Black/African descent, persons of colour, persons with disabilities, women, and persons identifying as members of 2SLGBTQI+ communities, and all candidates who would contribute to the diversity of our community. For more information, please visit www.dal.ca/hiringfordiversity

Posting Detail Information

Term of appointment	January – April 2023
Open Date	11/28/2022
Close Date	12/08/2022
Open Until Filled	
Quick Link for Direct Access to Posting	https://dal.peopleadmin.ca/postings/11081

Documents Needed to Apply

Required Documents

1. Cover Letter
2. Résumé / Curriculum Vitae (CV)

Part-Time Teaching Position

The Division of Engineering is offering a part-time teaching position for one course in Winter 2023 and is looking for candidates with a minimum of a Master's degree, with a PhD or industrial experience preferred.

Candidates should be able to teach **all sections** in the course:

EGME 2300 — Probability and Statistics for Engineers

Class period: January 9 - April 6, 2023 – Exams period: April 11 – April 21, 2023

Lecture Mon and Wed, 8:30 a.m. – 9:45 a.m.

Labs:

- A (in person): Tue, 2:30 p.m. - 3:(29) p.m.
- B (in person): Tue, 3:30 p.m. - 4:(29) p.m.
- D (Remote): Wed, 5:30 p.m. - 6:(29) p.m.

Course description: The topics covered include probability laws and the interpretation of numerical data, probability distributions and probability densities, functions of random variables, joint distributions, characteristic functions, inferences concerning mean and variance, tests of hypotheses, an introduction to linear regression. The course emphasizes engineering applications and makes extensive use of statistical computer packages.

Applicants should submit a package, consisting of letter of application, curriculum vitae, teaching dossier including evidence of teaching effectiveness and graduate school transcripts, and names and contact information of three referees. Complete applications should be submitted as a **single PDF file** to engineering@uwo.ca, with the following in the subject line:

Re subject line: **'EGME 2300 – Probability and Statistics for Engineers, Winter 2023'**

Application deadline: **Friday, November 11, 2022**.

Part-Time Teaching Position

The Division of Engineering is offering a part-time teaching position for one course in Winter 2023 and is looking for candidates with a minimum of a Master's degree, with a PhD or industrial experience preferred.

Candidates should be able to teach **all sections** in the course:

EGME 2302 — Engineering Economics

Class period: January 9 - April 6, 2023 – Exams period: April 11 – April 21, 2023

Lecture (in-person) Tue and Thu, 8:30 a.m. – 9:45 a.m.

Labs:

- A (in-person): Tue, 3:30 p.m. - 5:(29) p.m.
- B (Remote): Wed, 5:30 p.m. - 6:(29) p.m.
- C (in-person): Tue, 2:30 p.m. - 3:(29) p.m.

Course description: This course deals with the economics of engineering design.

Students are introduced to the fundamental concepts and cash flow diagrams and interest factors as dealt with in some detail. A variety of discounted cash flow techniques are covered including rate of return calculations. Topics also include inflation, tax, replacement and risk.

Applicants should submit a package, consisting of letter of application, curriculum vitae, teaching dossier including evidence of teaching effectiveness and graduate school transcripts, and names and contact information of three referees. Complete applications should be submitted as a **single PDF file** to engineering@uwo.ca, with the following in

Re subject line: **'EGME 2302 – Engineering Economics, Winter 2023'**

Application deadline: **Friday, November 11, 2022**.

Part-Time Teaching Position

The Division of Engineering is offering a part-time teaching position for one course in Winter 2023 and is looking for candidates with a minimum of a Master's degree, with a PhD or industrial experience preferred.

Candidates should be able to teach **all sections** in the course:

EGME 2300 — Data Structure & Algorithms

Class period: September 7 – December 21, 2022 – Exams period: Dec 11 – Dec 21, 2022

Lecture: Tuesdays and Thursdays 1:30 p.m. – 2:15 p.m.

Labs: Tuesdays 2:30 p.m. – 5:(29) p.m.

Course description: Students are introduced to the fields of Thermodynamics and Fluid Mechanics in an integrated manner. It covers the basic properties of fluids and gases, ideal gas equation of state, fluid statics, work and heat interactions, control volume using energy, first and second laws of thermodynamics, enthalpy, entropy, as well as steady, laminar and turbulent flow.

Applicants should submit a package, consisting of letter of application, curriculum vitae, teaching dossier including evidence of teaching effectiveness and graduate school transcripts, and names and contact information of three referees. Complete applications should be submitted as a **single PDF file** to engineering@uwo.ca, with the following in

Re subject line: **'EGME 2300 – Data Structure & Algorithms, Fall 2022'**

Application deadline: **Friday, Aug 12th, 2022**.

Part-Time Teaching Position

The Division of Engineering is offering a part-time teaching position in Fall 2022 (Sept - Dec) and is looking for candidates with a minimum of a Master's degree (PhD and/or industrial experience preferred).

EGME 2301 – Fundamentals of Process Engineering

Class period: September 7, 2022 – December 21, 2022 – Exams period: Dec 11 – Dec 21, 2022

Lecture: Tuesdays and Thursdays 12:30 p.m. – 1:45 p.m.

Labs: Tuesdays 2:30 p.m. – 5:(29) p.m.

Course description: Students are introduced to the fields of Thermodynamics and Fluid Mechanics in an integrated manner. It covers the basic properties of fluids and gases, ideal gas equation of state, fluid statics, work and heat interactions, control volume using energy, first and second laws of thermodynamics, enthalpy, entropy, as well as steady, laminar and turbulent flow.

Applicants should submit a package, consisting of letter of application, curriculum vitae,

Position Title	Part-Time Academic (2024/2025 2016 Design of Information Management Systems) Fall 2022
Posting Number	PTAPF0648
Department/Unit	Industrial Engineering
Location	Halifax
Job Summary & Key Responsibilities	Techniques used in the design of information management systems include: conceptual modelling and analysis, to include the principles of systems analysis, software engineering and requirements analysis. The design of information systems, to include the principles of data abstraction are covered. Current technologies for computer hardware, software, networking and telecommunications are studied. Students are taught how to program database applications in a fourth-generation environment. Software development projects will be assigned. Lectures are scheduled Tuesdays and Thursdays, 1600 - 1730 (4:00 - 5:30 pm) Atlantic Time. Extra time is required for examinations and grading. Masters or Doctoral degree in related discipline, with expert knowledge and experience in design and implementation of database systems and applications. The successful candidate will have a demonstrated interest in the education of university students, a willingness to share industry experience, deep knowledge of software for business, and a desire to teach in a manner that will use innovative teaching methods to engage students and improve knowledge retention. Registration as a professional engineer in Canada is preferred.
Salary Range/Pay Rate	$0.00
Additional Information	Dalhousie University commits to achieving inclusive excellence through continually championing equity, diversity, inclusion and accessibility. The university invites applications from all qualified candidates (especially Mi'kmaq), persons with a disability, racialized persons, including persons of Black/African descent and persons of colour, Arab, West Asian and North African, a minority sexual orientation and/or gender identity, and all candidates who would contribute to the diversity of our community. Vaccination Requirements: www.dal.ca/hiringdalhousie. Dalhousie's vaccine mandate has been suspended at this time. Dalhousie will continue to monitor the status of the full vaccination. However, health and safety risks to our community will continue to be monitored and a vaccine mandate may be reinstated if necessary.

Posting Detail Information

Term of appointment	September – December 2022
Open Date	07/29/2022
Close Date	08/05/2022
Open Until Filled	
Quick Link for Direct Access to Posting	https://hal.peopleadmin.ca/postings/11019

Documents Needed to Apply

Required Documents

1. Cover Letter
2. Resume / Curriculum Vitae (CV)

Optional Documents

Part-Time Teaching Position

The Division of Engineering is offering a part-time teaching position in Summer 2021 (Jul-Aug) and is looking for candidates with a minimum of a Master's degree (PhD and/or industrial experience preferred).

The course and its labs will be offered **Synchronous** Instructors must be prepared to deliver material, assist students, and make all assessments entirely remote.

ENME 5208 – Data Structures & Algorithms

Class period: July 6 - August 20, 2022

Lecture: Tuesdays and Thursdays 9:30 a.m. - 12:25 p.m.

Class Date: Tuesdays and Thursdays 1:30 p.m. - 4:25 p.m.

Course description: Students are introduced to object-oriented programming (OOP), algorithmic analysis and design, and common data structures. The concept of procedural programming is extended to modern software development for use in engineering and applied sciences.

Applicants should submit a package, consisting of letter of application, curriculum vitae, teaching dossier including evidence of teaching effectiveness and graduate school transcripts, and names and contact information of three referees.

Complete applications should be submitted as a **single PDF file** to: engineering@dcu.ca, with the following in the subject line: **"ENME 5208 – Data Structures & Algorithms, Summer 2022"**

Application deadline: **Friday, Jun 10th, 2022**

Part-Time Teaching Position

The Division of Engineering is offering a part-time teaching position in Summer 2021 (Jul-Aug) and is looking for candidates with a minimum of a Master's degree (PhD and/or industrial experience preferred).

The course and its labs will be offered **Asynchronous.** Instructors must be prepared to deliver material, assist students, and make all assessments entirely remote.

ENME 5325 – Modelling and Optimization for Engineers

Class period: July 6 - August 20, 2022

Lecture: TBA

Lab: TBA

Course description: Students are introduced to the fundamentals of optimization theory

for the design and operation of engineered systems. Students are exposed to problem formulation and analysis applied to linear programming, network models, project management, decision analysis, and non-linear optimization.

Applicants should submit a package, consisting of letter of application, curriculum vitae, teaching dossier including evidence of teaching effectiveness and graduate school transcripts, and names and contact information of three referees.

Complete applications should be submitted as a **single PDF file** to: engineering@dcu.ca, with the following in the subject line: **"ENME 5325 – Modelling and Optimization for Engineers, Summer 2022"**

Application deadline: **Friday, Jun 10th, 2022**

Part-Time Teaching Position

The Division of Engineering is offering a part-time teaching position in Summer 2021 (Jul-Aug) and is looking for candidates with a minimum of a Master's degree (PhD and/or industrial experience preferred).

The course and its labs will be offered **Synchronous** Instructors must be prepared to deliver material, assist students, and make all assessments entirely remote.

ENME 5389 – Probability and Statistics for Engineers

Class period: July 6 - August 20, 2022

Lecture: Monday and Wednesday 9:30 a.m. - 12:25 p.m.

Lab: Monday and Wednesday 1:30 p.m. - 2:55 p.m.

Course description: The topics covered include probability laws and the interpretation of probability models, discrete and continuous random variables, functions of random variables, joint distributions, characteristics functions, inference concerning mean and variance, tests of hypotheses, an introduction to linear regression. The emphasis is on engineering applications and makes extensive use of statistical computer packages.

Applicants should submit a package, consisting of letter of application, curriculum vitae, teaching dossier including evidence of teaching effectiveness and graduate school transcripts, and names and contact information of three referees.

Complete applications should be submitted as a **single PDF file** to: engineering@dcu.ca, with the following in the subject line: **"ENME 5389 – Probability and Statistics for Engineers, Summer 2022"**

Application deadline: **Friday, Jun 10th, 2022**

Part-Time Teaching Position

The Division of Engineering is offering a part-time teaching position in Summer 2021 (Jul-Aug) and is looking for candidates with a minimum of a Master's degree (PhD and/or industrial experience preferred).

The course and its labs will be offered **Synchronous** Instructors must be prepared to deliver material, assist students, and make all assessments entirely remote.

ENME 5392 – Engineering Economics

Class period: July 6 - August 20, 2022

Lecture: Tuesdays and Thursdays 9:30 a.m. - 12:25 p.m.

Lab: Tuesdays and Thursdays 1:30 p.m. - 2:55 p.m.

Course description: This course deals with the economics of engineering design.

Students are introduced to the fundamental concepts and cash flow diagrams, and interest factors are dealt with in some detail. A variety of discounted cash flow techniques are used in conducting rate of return calculations. Topics also include inflation, tax, depreciation and risk.

Applicants should submit a package, consisting of letter of application, curriculum vitae, teaching dossier including evidence of teaching effectiveness and graduate school transcripts, and names and contact information of three referees.

Complete applications should be submitted as a **single PDF file** to: engineering@dcu.ca, with the following in the subject line: **"ENME 5392 – Engineering Economics, Summer 2022"**

Application deadline: **Friday, Jun 10th, 2022**

Part-Time Teaching Position

The Division of Engineering is offering a part-time teaching position in Spring 2022 (May-June) and is looking for candidates with a minimum of a Master's degree (PhD and/or industrial experience preferred).

ENME 5302 – Engineering Mechanics: Statics

Class period: May 09 - June 23, 2022

Lectures: Tuesday and Thursday 9:30 a.m. - 12:25 p.m.

Labs: Tuesday and Thursday 1:30 p.m. - 4:25 p.m.

Course description: Students will cover the fundamental concepts and principles of

mechanics, statics of particles, equivalent force systems, equilibrium of rigid bodies,

analysis of structures, friction, distributed forces, centroids, centre of gravity, and

moments of inertia.

Applicants should submit a package, consisting of letter of application, curriculum vitae,

teaching dossier including evidence of teaching effectiveness and graduate school

transcripts, and names and contact information of three referees. Complete applications

should be submitted as a **single PDF file** to: engineering@dcu.ca, with the following in the subject line: **"ENME 5302 – Engineering Mechanics: Statics, Spring 2022"**

Application deadline: **Tuesday, May 3rd, 2022**

Part-Time Teaching Position

The Division of Engineering is offering a part-time teaching position for one course in

Winter 2022 and is looking for candidates with a minimum of a Master's degree, with a

PhD or industrial experience preferred.

Candidates should be prepared to teach both online and in person, and to be able to teach **all sections and labs** in the course.

ENME 5302 – Engineering Economics

Class period: January 10 - April 7, 2022 – Exams period: April 11 – April 26, 2022

Lectures

- A (in person): Tue and Thu 8:30 a.m. – 9:45 a.m.
- B (Remote): Tue and Thu 8:30 a.m. – 9:45 a.m.

Labs

- A (in person): Tue. 4:00 p.m. – 5:25 p.m.
- B (Remote): Tue. 2:30 p.m. – 3:55 p.m.
- C (in person): Tue. 2:30 p.m. – 3:55 p.m.

Course description: This course deals with the economics of engineering design.

Students are introduced to the fundamental concepts and cash flow diagrams, and interest factors are dealt with in some detail. A variety of discounted cash flow techniques are used in conducting rate of return calculations. Topics also include inflation, tax, depreciation and risk.

Applicants should submit a package, consisting of letter of application, curriculum vitae, teaching dossier including evidence of teaching effectiveness and graduate school transcripts, and names and contact information of three referees. Complete applications should be submitted as a **single PDF file** to: engineering@dcu.ca, with the following in the subject line: **"ENME 5302 – Engineering Economics, Winter 2022"**

Application deadline: **Friday, December 10th, 2021.**

Part-Time Teaching Position

The Division of Engineering is offering a part-time teaching position for one course in

Winter 2022 and is looking for candidates with a minimum of a Master's degree, with a

PhD or industrial experience preferred.

ENME 2306 – Fluid Dynamics

Class period: January 10 - April 7, 2022 – Exams period: April 11 – April 26, 2022

There are three sections: Sections A and C, with their corresponding Labs should be

taught by same instructor. Section B, with its corresponding Lab should be taught by same instructor. Please indicate which section(s) are being applied for.

Section A and C, with A and C Labs

Lecture A (in person), Tuesdays and Thursdays 10:05 a.m. – 11:15 a.m.

Lab (in person): Wednesdays 7:00 p.m. – 9:55 p.m.

Lecture C (Remote): Tuesdays and Thursdays 10:05 a.m. – 11:15 a.m.

Lab (Remote): Wednesdays 7:00 p.m. – 9:55 p.m.

Section B, with B Lab (in person)

Lecture B, Mondays and Wednesdays 11:35 a.m. – 12:45 p.m.

Lab: TBA

Course description: Topics include: buoyancy and stability, the use of continuity, control volume, Euler, Bernoulli, energy and momentum equations in engineering applications, dimensional analysis, Buckingham Pi theorem of physical models, and laminar or turbulent flows in pipes/open channels.

Applicants should submit a package, consisting of letter of application, curriculum vitae, teaching dossier including evidence of teaching effectiveness and graduate school transcripts, and names and contact information of three referees. Complete applications should be submitted as a **single PDF file** to: engineering@dcu.ca, with the following in the subject line: **"ENME 2306 – Fluid Dynamics, Winter 2022"**

Application deadline: **Friday, December 10th, 2021.**

Position Title	Part-Time Academic (Digital Electronics and Computer Interfacing - APSC 2500)
Posting Number	PTAPF0649
Department/Unit	Engineering - Cak AC
Location	Truro
Job Summary & Key Responsibilities	The Part Time Academic will teach APSC 2500 Digital Electronics and Computer Interfacing online this summer from July 6 - August 20. The successful candidate will have a range of aspects of teaching and administering the course, including: preparation of lectures, tutorials, and labs; course preparation and evaluation. The successful candidate will teach Part Time Academic and also be responsible for ensuring the course contents are entirely online. This involves content, assessments, evaluations, and course settings. The position reports to the Chair of the Department. MSc in related field (MSc in Engineering Applied Science), demonstrated teaching experience, knowledge of the subject area in Digital Electronics, Computer Interfacing, experience at a university level in Digital Electronics or Computer Interfacing for Technology students, knowledge of Canvas, demonstrated ability to organize teaching in an online environment is considered an asset
Salary Range/Pay Rate	Per CUPE Collective Agreement
Additional Information	All offers of employment as a Part Time Academic are contingent upon the completion of a criminal record check and approval by the University. Dalhousie University is committed to fostering a collegial culture grounded in diversity and inclusivity. We invite applications from all qualified candidates, Indigenous persons, persons with a disability, racially visible persons, women persons of a minority sexual orientation and/or gender identity, and all candidates who would contribute to the diversity of our community. For more information, please visit www.dal.ca/hiringdalhousie.

Term of appointment	July 22,2021 - July 30, 2021
Open Date	04/16/2021
Close Date	04/30/2021
Open Until Filled	
Quick Link for Direct Access to Posting	https://hal.peopleadmin.ca/postings/5872

Documents Needed to Apply

Required Documents

1. Cover Letter
2. Resume / Curriculum Vitae (CV)

Part-Time Teaching Position

The Division of Engineering is offering a part-time teaching position in Summer 2021 and is looking for candidates with a minimum of a Master's degree (PhD and/or industrial experience preferred).

Due to the current COVID-19 situation, the course and its labs will be offered at distance instructors must be prepared to deliver material, assist students, and make all assessments entirely remote. Students will be required to attend a few sessions on campus (at most two sessions), if a possible that lecture, and labs may be staffed by different people.

ENME 2305 – Probability and Statistics for Engineers

Class period: July 6 - August 21, 2021

Lecture: Monday and Wednesday 9:30 a.m. - 12:25 p.m.

Lab: Monday and Wednesday 1:30 p.m. - 2:55 p.m.

Course description: The topics covered include probability laws and the interpretation of probability models, discrete and continuous random variables, functions of random variables, joint distributions, characteristic functions, inference concerning mean and variance, tests of hypotheses, an introduction to linear regression. The emphasis is on engineering applications and makes extensive use of statistical computer packages.

Qualified candidates should submit an application package consisting of a letter of application, curriculum vitae, teaching dossier including evidence of teaching effectiveness and graduate school transcripts, and names and contact information of three referees.

Complete applications should be submitted as a **single PDF file** to: engineering@dcu.ca, with the following in the subject line: **"ENME 2305 – Probability and Statistics for Engineers, Summer 2021"**

Application deadline: **Friday, June 11th, 2021**

Part-Time Teaching Position

The Division of Engineering is offering a part-time teaching position in Winter 2021 (Jan-Apr) and is looking for candidates with a minimum of a Master's degree (PhD and/or industrial experience preferred).

Due to the current COVID-19 situation, the course and its labs will be offered at distance instructors must be prepared to deliver material, assist students, and make all assessments entirely remote. Students will be required to attend a few sessions on campus (at most two sessions), if a possible that lecture, and labs may be staffed by different people.

ENME 2305 – Probability and Statistics for Engineers

Class period: July 6 - August 21, 2021

Lecture: Monday and Wednesday 9:30 a.m. - 12:25 p.m.

Lab: Monday and Wednesday 1:30 p.m. - 2:55 p.m.

Course description: The topics covered include probability laws and the interpretation of probability models, discrete and continuous random variables, functions of random variables, joint distributions, characteristic functions, inference concerning mean and variance, tests of hypotheses, an introduction to linear regression. The emphasis is on engineering applications and makes extensive use of statistical computer packages.

Qualified candidates should submit an application package consisting of a letter of application, curriculum vitae, teaching dossier including evidence of teaching effectiveness and graduate school transcripts, and names and contact information of three referees.

Complete applications should be submitted as a **single PDF file** to: engineering@dcu.ca, with the following in the subject line: **"ENME 2305 – Probability and Statistics for Engineers, Winter 2021"**

Application deadline: **Friday, December 10th, 2021.**

submitted as a single file in PDF format via email, with the subject ***"EGNE 2309 – Prob and Stats for Engineers, Summer 2021"*** to: engineering@smu.ca, by **Tuesday, May 4, 2021**.

Part-Time Teaching Position

The Division of Engineering is offering a part-time teaching position in Summer 2021 and is looking for candidates with a minimum of a Master's degree (PhD and/or industrial experience preferred).

Due to the current COVID-19 situation, the course and its labs will be offered at distance. Instructors must be prepared to deliver material, assist students, and make all assessments entirely online. Although we would prefer to hire the same candidate for both lecture and lab section(s), it is possible that lecture and labs may be staffed by different people.

EGNE 2302 – Engineering Economics

Class period: July 5 – August 21, 2021

Lecture: Tuesdays and Thursdays 9:30 a.m. – 12:29 p.m.

Labs: Lab A: Tuesdays and Thursdays 1:30 p.m. – 2:59 p.m.

Course description: This course deals with the economics of engineering design. Students are introduced to the fundamental concepts and cash flow diagrams; and interest factors are dealt with in some detail. A variety of discounted cash flow techniques are covered including rate of return calculations. Topics also include inflation, tax, replacement and risk.

Qualified candidates should submit an application package consisting of a letter of application, a curriculum vitae, a teaching dossier including any course evaluations, graduate school transcripts, and names and email addresses of three referees. Applications should be submitted as a single file in PDF format via email, with the subject ***"EGNE 2302 – Engineering Economics, Summer 2021"*** to: engineering@smu.ca, by **Tuesday, May 4, 2021.**

Saint Mary's Winter 2021 Engineering part-time teaching positions (click the download link below, if the PDF does not open in your browser):

[gview file="http://cupe3912.ca/wp-content/uploads/sites/146/2020/10/SMU-PT-Teaching-Winter-2021-Engineering.pdf"]

The Division of Engineering is offering a part-time teaching position for one course in Fall 2020 and is looking for candidates with a minimum of a Master's degree, with a PhD or industrial experience preferred.

Due to the current COVID-19 situation, the course will be offered at distance. Instructors must be prepared to deliver material, assist students, and make all assessments entirely online.

EGNE 2303 – Thermodynamics

Class period: September 8, 2020 – December 22, 2020 — Exams period: Dec 12 – Dec 22, 2020

There are two sections: (Please indicate which section(s) are being applied for.)

Section A:
Lectures: Mondays and Wednesdays 10:00 a.m. – 11:15 a.m. Labs: Mondays 2:30 p.m. – 5:29 p.m.

Section B:
Lectures: Tuesdays and Thursdays 10:00 a.m. – 11:15 a.m. Labs: Thursdays 2:30 p.m. – 5:29 p.m.

Course description: Students are introduced to the fields of Thermodynamics and Fluid Mechanics in an integrated manner. It covers the basic properties of fluids and gasses, ideal gas equation of state, fluid statics, work and heat interactions, control volume using energy, the first and second laws of thermodynamics, enthalpy, entropy, as well as Carnot, Rankine and power/refrigeration cycles.

Qualified candidates should submit an application package consisting of a letter of application, a curriculum vitae, a teaching dossier including any course evaluations, graduate school transcripts, and names and email addresses of three referees.

Applications should be submitted as a single file in PDF format via email with the subject "EGNE 2303 – Thermodynamics (please indicate which section(s) are being applied for: either A or B), Fall 2020" to: engineering@smu.ca**, by Tuesday, August 25th, 2020**.

The Division of Engineering is offering a part-time teaching position in Fall 2020 and is looking for candidates with a minimum of a Master's degree, with a PhD or industrial experience preferred.

Due to the current COVID-19 situation, the course will be offered at distance. Instructors must be prepared to deliver material, assist students, and make all assessments entirely online.
EGNE 2401 – Fundamentals of Process Engineering

Class period: September 8 – December 22, 2020 — Exams period: Dec 12 – Dec 22, 2020

Lecture: Remote: Mondays and Wednesdays 11:30 a.m. – 12:45 a.m.

Lab: Remote: Tuesdays 2:30 p.m. – 5:29 p.m.

Course description: Students analyze both non-reactive and reactive process systems using the principles of mass and energy balances, phase equilibrium, vapour pressure, and the application of Raoult's and Henry's Laws. Industrial case studies and computer simulations will be used to emphasize important topics.

Qualified candidates should submit an application package consisting of a letter of application, a curriculum vitae, a teaching dossier including any course evaluations, graduate school transcripts, and names and email addresses of three referees. Applications should be submitted as a single file in PDF format via email with the subject "EGNE 2401 – Fundamentals of Process Engineering, Fall 2020" to: engineering@smu.ca, **by Friday, August 14th, 2020**.

The Division of Engineering is offering a part-time teaching position for one course in Fall 2020 and is looking for candidates with a minimum of a Master's degree, with a PhD or industrial experience preferred.

Due to the current COVID-19 situation, the course will be offered at distance. Instructors must be prepared to deliver material, assist students, and make all assessments entirely online.

EGNE 1206 – Technical Communications
Class period: September 8, 2020 – December 22, 2020 — Exams period: Dec 12 – Dec 22, 2020

Lecture: Remote: Tuesdays and Thursdays 11:30 am – 12:45 pm
Lab A: Remote: Wednesdays 2:30 p.m. – 3:59 p.m.
Lab B: Remote: Mondays 2:30 p.m. – 3:59 p.m.
Lab D: Remote: Thursdays 2:30 p.m. – 3:59 p.m.
Lab E: Remote: Wednesdays 4:00 p.m. – 5:29 p.m.

The candidate will be responsible for the Lecture and the four Lab sections.

The course instructor will be responsible for the delivery of the lectures, which in addition to covering the topics described below, will also coordinate guest speakers. The course instructor will also work together with tutorial instructors to ensure a consistent course material coverage.

Course description: Students are exposed to the history of engineering and its disciplines, academic regulations, ethics, equity and professional responsibility. Students are provided with the practical communication skills associated with the Engineering profession including: writing fundamentals, technical writing, presentations, public speaking, and communication theory.

Qualified candidates should submit an application package consisting of a letter of application, a curriculum vitae, a teaching dossier including any course evaluations, graduate school transcripts, and names and email addresses of three referees. Applications should be submitted as a single file in PDF format via email with the subject "EGNE 1206 – Technical Communications, Fall 2020" to: engineering@smu.ca, by **Friday, August 14th, 2020.**

CUPE National News

Advance Notice: CUPE National Convention 2025

Broken payroll takes its toll on Manitoba personal care home workers

Canada must protect Palestinian health care workers, end genocide

Library workers ratify tentative agreement with Toronto Public Library

CUPE PSE News

First collective agreement reached at HEC

Workers and students left without a plan in University of Regina dispute

Memorial University Newfoundland workers call for Province to step in amid $9M deficit update

Tentative agreements with Queen's University workers

CUPE NS News

CUPE Nova Scotia Votes Campaign

Save time and money with Sonnet & Higgins Group Auto & Home Insurance

Deadlines for Resolutions and Constitutional Amendments

School support staff: We have a contract!

CUPE 3912 recognizes the traditional treaty territory of Mi'kma'ki. We honour the Indigenous peoples whose territory we reside on, and who have been living on and caring for these lands. We acknowledge the painful history that has brought us to reside on the land, and seek to understand our place within that history as partners and allies of all Indigenous people. Many CUPE 3912 members are beneficiaries of ongoing colonialism in our relationships, systems, and institutions. We all have been privileged to build a life here in Mi'kma'ki, the ancestral and unceded land of the Mi'kmaw People.

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