THE FACULTY OF SCIENCE, ENGINEERING AND ARCHITECTURE INVITES APPLICATIONS FOR PART-TIME TEACHING CONTRACTS

School:	**Engineering and Computer Science**		
Course Title	**Algorithm Design and Analysis**		
Course Code, section	**COSC 3207 EL 01**	# Paid credits:	**3**
Course Description (from the University web page): *This course develops fundamental skills in designing and analyzing algorithms. Topics include string matching, graph algorithms, geometric algorithms, optimization techniques, and linear programming. The concepts of solvability and NP-completeness are introduced.*			
If two courses (sections) are simultaneously taught or cross-listed :			
2nd Course Title :			
2nd Course Code, section :		# Paid credits:	**0**
2nd Course Description			

Method of delivery of this course :	**On campus, in-person**				
Term Start Date:	**4 January 2027**		End of Contract: (plus time for potential appeals)	**30 April 2027**	
Class Start Date :	**4 January 2027**		Class End Date:	**5 April 2027**	
Classroom:	**TBD**	Class Times:	Mondays, Thursdays 1:00-2:20 pm	**Time flexible (Y/N):**	**Y**
# of Classes:	**24 lectures (2 x 1.5 hours per week)**		Projected Enrolment:	**Approx 60**	
Examination Period:	**12 to 23 December 2026**				
Note:	**Grades are due fourteen (14) calendar days following the final exam of the course.**				
Degree Required:	**MSc or PhD in Computer Science**				
Remuneration:	Total rate of pay inclusive of all benefits and vacation pay specified in the Collective Agreement				

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Director:	**Dr. Brent Lievers (cc: Natalie Boutet)**
School:	**School of Engineering and Computer Science**
Laurentian University, 935 Ramsey Lake Road ONTARIO, P3E 2C6	
Emails:	**blievers@laurentian.ca**
and	**nboutet@laurentian.ca**
Closing Date:	**Monday May 25 2026**

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Synchronous REMOTE and scheduled
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School:	**Engineering and Computer Science**		
Course Title	**Graphics & Design**		
Course Code, section	**ENGR 1007 EL 01**	# Paid credits:	**3**

Course Description (from the University web page):

This course develops abilities for three-dimensional visualization and introduces the standards employed in graphical communication and engineering design. Drawings are prepared by freehand sketching and commercial computer-aided drafting and design (CADD) programs. Drafting procedures and standards for major engineering disciplines are described and explained, including orthographic, sectional and pictorial views, dimensioning, descriptive geometry, tolerances, working drawings, and flowcharts.

If two courses (sections) are simultaneously taught or cross-listed :			
2nd Course Title :			
2nd Course Code, section :		# Paid credits:	**0**
2nd Course Description			

Method of delivery of this course :	**On campus, in-person**				
Term Start Date:	**9 September 2026**		End of Contract: (plus time for potential appeals)	**31 December 2026**	
Class Start Date :	**14 September 2026**		Class End Date:	**7 December 2026**	
Classroom:	**F228**	Class Times: Lab Times:	**Mondays: 4 to 5:20 Wednesdays: 2:30-5:20**	**Time flexible (Y/N):**	**N**
# of Classes:	**12 lectures (1.5 hours per week) 12 labs (3 hours per week)**		Projected Enrolment:	**Approx 60**	
Examination Period:	**12 to 23 December 2026**				
Note:	**Grades are due fourteen (14) calendar days following the final exam of the course.**				
Degree Required:	**MSc or PhD in Mechanical Engineering P.Eng license**				
Remuneration:	Total rate of pay inclusive of all benefits and vacation pay specified in the Collective Agreement				

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School:	**Engineering and Computer Science**		
Course Title	**Computer-Aided Design**		
Course Code, section	**ENGR 1017 EL 01**	# Paid credits:	**3**

Course Description (from the University web page):

Computer-aided design (CAD) is a tool that is central to modern Mechanical Engineering design practice. CAD involves the use of interactive computer graphics to create and analyse mechanical designs. Students will develop an understanding of CAD concepts through lectures, hands-on class assignments and a term project. Students will use a commercial CAD software package to put theory into practice.

If two courses (sections) are simultaneously taught or cross-listed :			
2nd Course Title :			
2nd Course Code, section :		# Paid credits:	**0**
2nd Course Description			

Method of delivery of this course :	**On campus, in-person**				
Term Start Date:	**9 September 2026**		End of Contract: (plus time for potential appeals)	**31 December 2026**	
Class Start Date :	**11 September 2026**		Class End Date:	**7 December 2026**	
Classroom:	**F228**	Class Times: Lab Times:	**Fridays: 1pm – 3:50 pm Mondays: 10 am – 11:20**	**Time flexible (Y/N):**	**N**
# of Classes:	**12 lectures (3 hours per week) 12 labs (1.5 hours per week)**		Projected Enrolment:	**Approx 40**	
Examination Period:	**12 to 23 December 2026**				
Note:	**Grades are due fourteen (14) calendar days following the final exam of the course.**				
Degree Required:	**MSc or PhD in Mechanical Engineering P.Eng license**				
Remuneration:	Total rate of pay inclusive of all benefits and vacation pay specified in the Collective Agreement				

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School:	**Engineering and Computer Science**		
Course Title	**Mechanics and Strength of Materials I**		
Course Code, section	**ENGR 2076 EL 01**	# Paid credits:	**3**

Course Description (from the University web page):

This course is a study of stress, strain and stress-strain relations. Topics include mechanical properties of engineering materials; principal stresses (statically determinate and statically indeterminate members subjected to axial loads and torsion); shear force and bending moment diagrams; beam theory; eccentric loads; strain energy; pressure vessels; and failure theories. Laboratory experiments include tests for the evaluation of the mechanical properties of materials in tension, torsion, flexure, creep, impact and fatigue; and hardness tests and strain measurements.

If two courses (sections) are simultaneously taught or cross-listed :			
2nd Course Title :			
2nd Course Code, section :		# Paid credits:	**0**
2nd Course Description			

Method of delivery of this course :	**On campus, in-person**				
Term Start Date:	**9 September 2026**		End of Contract: (plus time for potential appeals)	**31 December 2026**	
Class Start Date :	**11 September 2026**		Class End Date:	**8 December 2026**	
Classroom:	**TBD**	Class Times:	**Tues/Fri: 11:30-1 pm**	**Time flexible (Y/N):**	**N**
# of Classes:	**12 lectures (3 hours per week)**		Projected Enrolment:	**Approx 100**	
Examination Period:	**12 to 23 December 2026**				
Note:	**Grades are due fourteen (14) calendar days following the final exam of the course.**				
Degree Required:	**MSc or PhD in Engineering** **P.Eng license preferred**				
Remuneration:	Total rate of pay inclusive of all benefits and vacation pay specified in the Collective Agreement				

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School:	**Engineering and Computer Science**		
Course Title	**Dynamics**		
Course Code, section	**ENGR 2506 EL 01**	# Paid credits:	**3**
Course Description (from the University web page):			
Topics include kinematics and kinetics of rigid bodies, forces and accelerations energy and momentum methods, principles of structural dynamics, and mechanical vibrations of one and two degrees of freedom.			
If two courses (sections) are simultaneously taught or cross-listed :			
2nd Course Title :			
2nd Course Code, section :		# Paid credits:	**0**
2nd Course Description			

Method of delivery of this course :	**On campus, in-person**				
Term Start Date:	**4 January 2027**		End of Contract: (plus time for potential appeals)	**30 April 2027**	
Class Start Date :	**5 January 2027**		Class End Date:	**6 April 2027**	
Classroom:	**TBD**	Class Times: Tutorial:	**Tues/Thur 5:30-6:50 pm Weds: 7:00-8:30 pm**	**Time flexible (Y/N):**	**Y**
# of Classes:	**24 lectures (3 hours per week) 12 tutorials (1.5 hours per wk)**		Projected Enrolment:	**Approx 60**	
Examination Period:	**9 April to 1 May 2027**				
Note:	**Grades are due fourteen (14) calendar days following the final exam of the course.**				
Degree Required:	**MSc or PhD in Mechanical Engineering P.Eng license preferred**				
Remuneration:	Total rate of pay inclusive of all benefits and vacation pay specified in the Collective Agreement				

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School:	**Engineering and Computer Science**		
Course Title	**Vibrations & Dynamics**		
Course Code, section	**ENGR 3516 EL 01**	# Paid credits:	**3**
Course Description (from the University web page): ***This course develops fundamental skills in designing and analyzing algorithms. Topics include string matching, graph algorithms, geometric algorithms, optimization techniques, and linear programming. The concepts of solvability and NP-completeness are introduced.***			
If two courses (sections) are simultaneously taught or cross-listed :			
2nd Course Title :			
2nd Course Code, section :		# Paid credits:	**0**
2nd Course Description			

Method of delivery of this course :	**On campus, in-person**				
Term Start Date:	**4 January 2027**		End of Contract: (plus time for potential appeals)	**30 April 2027**	
Class Start Date :	**4 January 2027**		Class End Date:	**5 April 2027**	
Classroom:	**TBD**	Class Times:	**Mondays 5:30-8:20**	**Time flexible (Y/N):**	**N**
# of Classes:	**12 lectures (3 hours per week)**		Projected Enrolment:	**Approx 60**	
Examination Period:	**9 April to 1 May 2027**				
Note:	**Grades are due fourteen (14) calendar days following the final exam of the course.**				
Degree Required:	**MSc or PhD in Mechanical Engineering** **P.Eng license**				
Remuneration:	Total rate of pay inclusive of all benefits and vacation pay specified in the Collective Agreement				

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