School of Engineering
and
Computer Science
STUDENT HANDBOOK
2025-2026

Bachelor of Engineering	Bachelor of Computer Science
- **Mining Engineering** - **Chemical Engineering** Options: General Environmental Sustainability Extractive Metallurgy - **Mechanical Engineering** Options: General Mechatronics	Specializations in: - Game Design
www.laurentian.ca/engineering	**www.laurentian.ca/program/computer-science**

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**** This version of the Student Handbook takes precedence over earlier versions ****

Rev. June 2025

1.1 INTRODUCTION

The faculty and staff of the School of Engineering and Computer Science are happy to have you!
Throughout university, you will experience personal growth that will prepare you for professional practice. Your years of study will be an exciting and challenging period in your life. We look forward to working with you!

Main office:

- Location: Science 2/Fraser building (Room F232)
- Hours: Monday to Friday from 8:30 a.m.to 4:30 p.m.
- Telephone: 705-675-1151 ext. 2240 (leave a voice message if necessary)
- Email: engineeringandcomputerscience@laurentian.ca

Faculty offices and contact info:
A school directory is posted outside of the main office with faculty office locations, email addresses and phone extensions.

Engineering labs:
The majority of our labs are on the lower level of the Cliff Fielding building.
In the Science II building, there are some mechanical engineering labs are on the 1st level and mining engineering labs in the basement.
F228 is an integrated computer lab with software available for student use when classes are not in session.

Computer Science labs: 4th Floor of the Fraser building: F441 and F443

Student workspaces and meeting rooms:

- Please contact the office: engineeringandcomputerscience@laurentian.ca with the +5-digit number of your OneCard (+XXXXX) for access to the IAMGOLD Engineering Student Common Room (CF107), the breakout rooms (CF105D and CF105J).
- F228 is available to students when classes are not in session.
  The door code for this room is 5645#.

1.2 Purpose of the Student Handbook

This handbook contains information specific to undergraduate engineering and computer science programs. It will help you better understand the programs and what is expected of you while you are at Laurentian University. This version of the Student Handbook takes precedence over earlier versions.

Please note: In order to comply with ongoing accreditation requirements, the engineering programs are subject to change from year to year. Students are expected to follow the curriculum that was in place when they first enrolled.

1.3 School Leadership:

Administrative Assistants	Natalie Boutet, Peter Kenney
Director	Dr. Brent Lievers
Chemical Engineering Program Coordinator	Dr. Corey Laamanen
Computer Science Program Coordinator	Dr. Kalpdrum Passi
Co-op Program Coordinator	Amanda Goupil
Mechanical Engineering Program Coordinator	Dr. Junfeng Zhang
Mining Engineering Program Coordinator	Dr. Eugene Ben Awuah

1.4 Faculty and Staff Directory (705-675-1151)

Director	Extension	Email	Office
Lievers, Dr. Brent	2382	blievers@laurentian.ca	F-232C
Administrative Assistant			
Boutet, Natalie	2286	nboutet@laurentian.ca	F-232
Kenney, Peter	2360	pkenney@laurentian.ca	F-232
Co-op Coordinator			
Goupil, Amangda	3180	agoupil@laurentian.ca engineeringco-op@laurentian.ca compsci-coop@laurentian.ca	F-323
Faculty			
Abdel-Dayem, Dr. Amr	2396	aabdeldayem@laurentian.ca	FA-381
Arsenault, Dr. Marc	2392	marsenault@laurentian.ca	F-217D
Ben-Awuah, Dr. Eugene	2195	ebenawuah@laurentian.ca	F-220
Bhatia, Dr. Jaspreet	2245	jbhatia@laurentian.ca	FA-382
Cai, Dr. Ming	2284	mcai@laurentian.ca	F-225D
Challagulla, Dr. Krishna	2306	kchallagulla@laurentian.ca	F-218
Chebbi, Dr. Brahim	4006	bchebbi@laurentian.ca	F-225
Colin, Dr. Fabrice	2318	fcolin@laurentian.ca	FA-363
Grewal, Dr. Ratvinder	2351	rgrewal@laurentian.ca	FA-380A
Guerra, Dr. Eduard	2244	eguerra@laurentian.ca	F-225B
Gueye, Dr. Oumar	2342	ogueye@laurentian.ca	FA-369
Henda, Dr. Redhouane	2250	rhenda@laurentian.ca	F-222
Joshi, Dr. Anand	2343	ajoshi@laurentian.ca	F-223
Koczkodaj, Dr. Waldemar	2311	wkoczkodaj@laurentian.ca	FA-375
Laamanen, Dr. Corey	4365	cy_laamanen@laurentian.ca	F-216C
Lau, Dr. MC	2324	mclau@laurentian.ca	FA-379A
Lievers, Dr. Brent	2382	blievers@laurentian.ca	F-217B
Maremi, Dr. Ahlam	2398	amaremi@laurentian.ca	F-215B
Meyer, Dr. Ralf	2376	rmeyer@laurentian.ca	FA-377
Millar, Dr. Dean	5071	dmillar@laurentian.ca	F-219
Passi, Dr. Kalpdrum	2345	kpassi@laurentian.ca	FA-380
Scott, Dr. J. Ashley	2283	jascott@laurentian.ca	F-216B
Serghini, Dr. Abdellatif	2378	aserghini@laurentian.ca	FA-379B
Shang, Dr. Helen	2176	hshang@laurentian.ca	F-225C
Timusk, Dr. Markus	2243	mtimusk@laurentian.ca	F-215C
Zeinali, Dr. Meysar	2251	mzeinali@laurentian.ca	F-225A
Zhang, Dr. Junfeng	2248	jzhang@laurentian.ca	F-224
Technologists			
Fawcett, Claire	2254	cfawcett@laurentian.ca	CF007A
Lakanen, Greg	2370	ge_lakanen@laurentian.ca	CF011A
Vipond, Phil	4045	pvipond@laurentian.ca	CF006A

2 - THE B.ENG AND B.COSC PROGRAMS

2.1 Program Descriptions

a) We offer ***Bachelor of Engineering*** degrees in:

- Chemical Engineering
  (with Environmental Sustainability & Extractive Metallurgy options)
- Mechanical Engineering (with Mechatronics Option)
- Mining Engineering

These four-year programs are accredited by the Canadian Engineering Accreditation Board and have the co-op option available to eligible students.
See page 27 for more details on the co-op option.

The Bachelor of Engineering (B.Eng.) degree must be completed within seven (7) years of initial registration.

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b) We offer a ***Bachelor of Computer Science*** degree with a specialization in computer science and a specialization in Game Design.
This four-year program has a co-op option available to eligible students.

2.2 Program Goals

The goals of the engineering programs are to:
Educate students for careers of leadership and innovation in related fields;

- Expand the base of knowledge through original research and by developing technology to serve the needs of society;
- Encourage critical thinking and problem solving based on a fundamental knowledge of humanities, social sciences, mathematics, science, engineering science and a broad range of technical areas;
- Educate students of global and societal concerns, ethics and sustainability when making engineering decisions
- Prepare engineering students to meet the standards of practice as defined by the *Professional Engineers Act by the Professional Engineers Ontario (PEO);*

The goals of the computer science programs include:

- Programming expertise in Java and C++
- Software development for real life applications, web programming, software engineering, game design and programming
- Work as a systems analyst

2.3 CEAB (Canadian Engineering Accreditation Board) Accreditation

Each of Laurentian University's three undergraduate engineering programs are accredited by the Canadian Engineering Accreditation Board (CEAB).
Accreditation ensures graduates of our programs have the academic qualifications necessary for registration as a Professional Engineering (P.Eng.) in Canada.
In order to comply with ongoing CEAB accreditation requirements, our programs are subject to change from year to year.

3 - SCHOOL OF ENGINEERING AND COMPUTER SCIENCE ACADEMIC POLICIES

3.1 Student Learning Responsibilities

Engineering:
The *Bachelor of Engineering (B.Eng.)* requires eight semesters of full-time study and the satisfactory completion of **144 credits**. Students are to follow the Senate approved Program Curriculum upon the academic year of admission.

NOTE: The Bachelor of Engineering (B.Eng.) degree must be completed within seven (7) years of initial registration.

Computer Science:
The *Bachelor of Computer Science (B.Cosc.)* requires eight semesters of full-time study and the satisfactory completion of **120 credits.** Students are to follow the Senate approved Program Curriculum upon the academic year of admission.

Course descriptions can be found at the following link: https://laurentian.ca/courses

Students are accountable for their own decisions and actions throughout their education. Students are responsible to check their own academic status on the “Self Service” website on a yearly basis to ensure they are in good academic standing. Students are encouraged to seek opportunities to facilitate their success in the program by consulting with course professors, academic counseling and/or tutoring.

Students are ultimately responsible to adhere to the most recent program when enrolling in courses at the beginning of each academic year and to ensure that all program requirements are met before graduation.

3.2 Faculty Responsibilities

The course professor will provide written and verbal instruction regarding:

- the specific requirements and objectives of an assignment in all instances where the assignment will be graded
- the expected format (ie, presentation, formal term paper, scientific report essay..)
- the length of the paper or presentation method for submission (e.g. paper or electronic format)
- method of evaluation (e.g. percentage or numerical value for each section or aspect of the assignment)

3.3 Pre-requisites (specific to Engineering students)

Students are responsible for ensuring that they have the necessary pre-requisites prior to enrolling in any course. In cases where students have been able to enroll in courses without the required pre-requisites, they may be removed without notice or not be awarded credits for the course and fees will not be reimbursed.

Pre-requisite overrides must be officially requested through your Program Coordinator and special permissions may be granted based on these (4) conditions:

a) Student is in good academic standing
b) Student has completed all other pre-requisites
c) Student has already attempted the pre-requisite they are attempting to override
d) The professor must also provide permission to take the course without the pre-requisite

3.4 Attendance

The general regulations of the university require punctual and regular attendance at the various academic exercises. If there are extenuating circumstances related to an absence, the instructor should be notified. Absences in excess of 20% may jeopardize receipt of credit for the course.

3.5 Academic Integrity

Academic dishonesty including plagiarism, copying in tests/exams, accessing information via electronic device in tests/exams or submitting work that is not one's own, will result in severe consequences ranging from receiving a grade of zero to expulsion from the university.
Students are advised to refer to the "Policy on Student Academic Integrity" provided by Registrar.

3.6 Written Work

These guidelines aim to:

1. Inform students about the expectations for the written assignment submissions.
2. Ensure requirements for written assignments are consistent.
3. Support development of writing and thinking skills that are acceptable for professional practice.

Written work is evaluated on content and analysis as well as grammar, clarity of writing and organization. All written work (including figures) must be properly referenced and attributed. Due dates for written assignments must be respected.
Plagiarism is not allowed. Students are responsible for understanding the meaning of plagiarism and for being aware of the consequences of plagiarism (refer to "Policy on Student Academic Integrity")

Lab assignments must be submitted and evaluated as satisfactory in order to receive credit for the course.

Students are advised about the method of evaluation to be used in each course at the beginning of the term. This information includes the nature and value of written assignments, exams, labs and other evaluated work.

3.7 Late Assignments and Reports

Submission of assignments and reports before the deadline is important. For some courses, no late submission is allowed and for other courses daily penalties are applied. Please refer to the course outline.

3.8 Average of Invigilated Tests/Exams

Unless otherwise specified in the course outline, students must obtain a combined average of 50% on the invigilated exams (midterm(s) and final) to pass a course.

3.9 Additional Costs

In addition to the regular tuition and general fees, students are also required to purchase learning resources (e.g. textbooks, etc.).

Students in the Co-op program are required to pay fees for the Co-op program in lieu of the regular tuition fees per semester. All expenses (e.g. travel, parking, accommodations, etc.) related to co-op placements are the responsibility of the student.

3.10 Degree Requirements:
To graduate with a degree, a student must meet all stated degree requirements:

1) Complete all courses in their program, including lab requirements.
   Both course components (lecture and lab) must be successfully completed.
   If a student fails the lab portion of a course, the student MUST retake the lab in a subsequent year.
2) Complete all required engineering and approved elective courses with a minimum grade of 50% in each, including lab requirements within 7 years of initial registration.

3.11 Academic Counseling
We are here to help with course selections and assist with any inquiries.
If assistance is required with selecting courses, scheduling conflicts or guidance on policies/procedures, please contact Natalie Boutet (nboutet@laurentian.ca) or drop by the Engineering office (F232).

Students are to meet with the Program Coordinator for academic counseling (please see page 4 for list of coordinators) under the following circumstances:
- Failed course or probationary academic status
- Medical or personal concern that may be having a negative impact on academic performance
- Taking program courses out of sequence (ie. pre-requisite overrides)
- Course overload request

3.12 Midterm / Final exam policy –
No cell phones or electronic devices are permitted during midterms and/or final exams. Refer to LU's "Academic Integrity" policy for more information.
Standardized calculators:
Some professors reserve the right to require the use of standardized calculators approved by the School of Engineering and Computer Science for tests/exams. Students will be notified of this prior to the test/exam and calculators will be provided.
The approved model is: SHARP EL-510RN.

3.13 Student Communication / Correspondence:
Students are required to check their LU email regularly so that faculty and staff can communicate with them in a timely manner.

Information such as upcoming events, job opportunities, scholarships, etc. will be advertised/distributed via your LU email, Instagram, LinkedIn and Facebook.

Email: All students are provided with a Laurentian e-mail account. All email communication will be sent to this account. If you have problems with this account please contact the IT helpdesk at ext. 2200 or it@laurentian.ca
When communicating via email to staff or faculty, it is important that you include your student ID#.

4 - LAURENTIAN UNIVERSITY ACADEMIC POLICIES

4.1 Academic Standing

To be in good academic standing and progress in your program, a student must:

1. Meet all conditions of admission
2. Not fail more than 6 credits in any one year
3. Achieve an overall GPA of 3.5 in all courses taken in the previous year (or previous 30 consecutive credits)

4.2 Grading Scheme

A student's GPA is given as an average of all courses using a 0-10 point scheme.

90% - 100%	A+	=	10	Exceptional
85% - 89%	A	=	9	Outstanding
80% - 84%	A -	=	8	Excellent
75% - 79%	B+	=	7	Very Good
70% - 74%	B	=	6	Good
65% - 69%	C+	=	5	Satisfactory
60% - 64%	C	=	4	Adequate
55% - 59%	D+	=	3	Passable
50% - 54%	D	=	2	Marginal
40% - 49%	E	=	1	Failure
0% - 39%	F	=	0	Failure

Symbols

I - Incomplete course work, no credit granted
P - Supplemental exam
S - Satisfactory, assigned where a percentage grade is inappropriate
T - In Progress
W - Withdrawn
X - Failure - Academic dishonesty
Z - Auditor

4.3 Academic Probation

A student is subject to a one year probationary period for failure to meet *any of the above criteria* under academic standing.

4.4 Withdrawal from the Program

A student is required to withdraw from the program if he or she:

1. Does not satisfy all conditions after one probationary year or 30 consecutive credits.
2. Has not achieved good academic standing in two consecutive years or 60 consecutive credits.
3. Fails to obtain the minimum academic grade and satisfactory lab performance where appropriate in a course on a third attempt.
4. Fails more than 42 credits (withdrawal from Laurentian University).

A student who is required to withdraw may petition the Senate Committee on Academic Regulations and Awards for readmission.

Students in good academic standing who choose to discontinue their studies at the end of the first or any other year, with successful completion of that year, may apply for readmission with advanced standing. Cases are considered on an individual basis.

4.5 Transfer Credits

Laurentian University has a number of advanced standing policies, recognizing prior learning in many post-secondary institutions. These agreements are designed to provide better student mobility through formal recognition of credits/programs at each institution. Students who have completed some college or university studies may be eligible for admission to programs offered at Laurentian University. Transfer credits may be awarded based upon prior studies, but cannot be determined until you apply for admission and submit official transcripts.

Note: Courses or credits from Athabasca University are non-transferable in our engineering programs.

4.6 Attendance

Attendance and preparation are mandatory for all program components including classes and laboratories. Communication with the professor is mandatory for consideration of extenuating circumstances for absences and for academic counseling regarding progress in the course. These circumstances will be evaluated on an individual basis. The method for monitoring attendance is at the discretion of the course professor(s). Substantiating documentation may be required for absences.
Laurentian University's official policy on attendance is as follows:
"Punctual and regular attendance at all academic exercises is expected from all students. After a lecture has begun, students may not be admitted to a classroom without the instructor's permission. The instructor must be notified of all extenuating circumstances that result in a student's absence. Absences in the excess of 20% of course time may jeopardize receipt of credit for the course."

4.7 Student Appeals

Students have the right to appeal if they are dissatisfied with a grade or a decision of the course professor. Students are required to discuss the matter with the course professor before a formal appeal can be submitted.

If you are not satisfied with the results of the informal session, you may submit a formal appeal to the Registrar's Office.
For more information on *Appeal Policies and Procedures,* please contact the Registrar's Office.

4.8 Deferred Final Exams / Special Examinations

Requests for special examinations must be submitted to the Registrar with supporting documentation. If the request is approved, the student must contact the Office of the Registrar to make arrangements for the writing of the examination. There is a fee per examination. Such requests are only considered if the student is in good academic standing in the course (regardless of other reasons) and has met one or more of the following criteria:

1. The student was ill and unable to be present or to adequately prepare for the examination (substantiated by a medical certificate);
2. The student was unable to be present or to adequately prepare for the examination due to a legal obligation such as jury duty, witness, defendant, etc;
3. A personal or family tragedy occurred which prevented the student from being present or from adequately preparing for the exam

Deferred exams must be requested no later than 3 working days after the initial day of the exams scheduled by the Office of the Registrar. A deferred exam will only be written after the initial date of the exam no exceptions, and within 30 days of the original exam.

Final examinations for any course cannot be deferred more than twice.
Requests for missed midterm tests must be submitted directly to the course professor (not Registrar) and the professor will assess accordingly at his/her discretion.

4.9 Classroom Etiquette:
Arrive on time. If you are late, enter the room quietly.

Respect the learning environment:
Please pick up your garbage once you are done with it e.g. coffee cups, food wrappers, and dispose of them as you are leaving the classroom.

Show respect for your instructors and your classmates: Please don't speak while the professor or your classmates are speaking. If you have a question, raise your hand and wait for the professor to call on you. If you need to leave the classroom early, inform the professor at the beginning of the class and when leaving, do so quietly.

4.10 University Policies and Code of Student Conduct
All students enrolled at Laurentian University have freedoms and privileges, as well as responsibilities. The University makes every effort to ensure proper conditions for teaching and learning, availability of academic and general facilities, freedom of movement, freedom from harassment, and protection of property. Laurentian's Code of Student Conduct establishes the authority and jurisdiction of the University, standards of student conduct, and disciplinary and appeal procedures. Copies of the Code are available from the Office of the Registrar:

- Code of student conduct (non-academic)
- Appeals Committee, Departments/Schools Policy
- Policy on a Respectful Workplace and Learning Environment
- Statement of Student Rights and Responsibilities

4.11 Academic Integrity
The School of Engineering and Computer Science adheres to the university's Academic Integrity for Students at Laurentian University policy. For definitions of plagiarism and cheating, and details of this policy and the process that the University follows, please go to the Registrar's website on the LU Intranet.

4.12 Policy on a Respectful Workplace and Learning Environment
Laurentian University is committed to promoting a respectful, diverse and inclusive community and for ensuring that every person in its community is protected from discrimination, harassment, sexual harassment, sexual violence and/or bullying. To this end, the Policy on a Respectful Workplace and Learning Environment was created to support a positive and welcoming working and learning environment that respects the inherent dignity and worth of each Laurentian University community member. Implementation of this policy is administered through the Equity, Diversity and Human Rights Office (EDHRO).

The mandate of the EDHRO is to lead the University community in fostering an inclusive and respectful learning and working environment for all students, staff and faculty by providing expertise, guidance, advice and counsel to members of the University

community in order to ensure compliance with the Accessibility for Ontarians with Disabilities Act (AODA), the Occupational Health and Safety Act (OHSA), the Ontario Human Rights Code (Code) and Laurentian University's Policy on a Respectful Workplace and Learning Environment and Policy on Response and Prevention of Sexual Violence and any other related policies. Students, staff and faculty seeking guidance regarding a possible human rights issue/complaint are encouraged to contact the EDHRO at 705-675-1151 extension 3427 or by email at edhr@laurentian.ca.

4.13 Policy and Guidelines on Students with Special Needs/Accessibility Services
The Human Rights code (1981) requires academic institutions to answer to the needs of academically qualified, special needs students so that they can fully benefit from their educational experiences. The Laurentian University Policy outlines definitions and guidelines to assist in the process of integrating students with special needs into the university community, and can be found on the LU intranet under "Accessibility Services":

5 - STUDENT SERVICES

5.1 Counselling Services and Mental Health Support
Counselling services on campus are available to all students by contacting 705-675-1151 ext. 6506 or email: counselling@laurentian.ca. All resources are available at laurentian.ca/counselling.

Additional counselling/crisis/support lines available to students include:

- Good2Talk
    - 1-866-925-5454: All students can access free, confidential support services 24/7
    - You can also access Good2Talk's 24/7 support via text by texting GOOD2TALKON to 686868
    - https://good2talk.ca/
- BounceBack
    - BounceBack is a free skill-building program that is accessible to students and all residents of Ontario
    - https://bouncebackontario.ca/
- Big White Wall
    - Big White Wall is an online peer-to-peer support community and a great tool for students
    - https://www.bigwhitewall.com/?lang=en-ca
- Crisis Intervention Services
    - 705.675.4760
    - 127 Cedar St, Sudbury
- keep.meSAFE
    - 24/7 support for Laurentian University's international students
    - https://keepmesafe.myissp.com/Home/UniversitySearch
- WellTrack
    - FREE self-help interactive tool for all Laurentian University Students
    - https://laurentian.welltrack.com/
- Wellness Together Canada
    - Free online resources, tools, apps and connections to trained volunteers and qualified mental health professionals when needed
    - https://ca.portal.gs/
- ConnexOntario

- Find mental health services in your community
- https://www.connexontario.ca/

5.2 Scholarships, Awards, and Bursaries
Students wishing to apply for O.S.A.P. should write directly to the Student Awards Office for application forms or may apply through the O.S.A.P. website at http://osap.gov.on.ca

Laurentian University offers numerous scholarships and bursaries. Entrance scholarships are awarded on academic achievement and no application is required except where otherwise indicated.
Bursaries, awards and scholarships that are awarded on academic performance and/or financial need can be found here.

6 - FREQUENTLY ASKED QUESTIONS

How do I know if I should drop a course?
If you are struggling with a course and feel you will not be able to pass it, you are encouraged to first speak with the course professor, who then may refer you to the Program Coordinator. Together you can determine your best course of action.

Note: If you are planning to withdraw from a course make sure you do so before the drop date (specific dates can be found on mylaurentian.ca). Please inform your Program Coordinator if you drop a course so that an appropriate plan of study can be created for you.

If I want to change programs what do I need to do?
Any student who wishes to change to a program outside the School of Engineering and Computer Science must follow the procedure outlined below:

You may transfer to another program with the permission of the School Director and the Vice-Dean of the faculty offering the program, provided your current academic status is satisfactory.

Students with “Probationary” status are not permitted to switch programs (including programs within Engineering)

Can I take courses at a different university?
Yes, on the following conditions:
- You must be in good academic standing (confirmation of academic status by the program coordinator)
- You must have attempted the course here at LU before taking it elsewhere (confirmation by the program coordinator)
- You must provide the course outline to the professor in charge of the LU course to verify that the course material is equivalent and provide the written approval to the engineering department.
- If the course material is approved by the LU professor and Program Coordinator, obtain a Letter of Permission for from the registrar’s office ($fee) which then needs to be signed by the Associate Dean of Science, Engineering, Architecture.

Can I take distance education courses at Laurentian as electives?
Yes as long as the elective(s) you've selected are approved for your engineering program.

Can I take a course overload?
A full-time student with a good academic record, with the permission of the Coordinator or Director and the Vice-Dean, may take the maximum credit course overload during the regular winter session. The student must have had no failing grades on a minimum course load of 30 credits in the previous winter session. It is advised that first year students do not take an overload.

What if I fail a course and because of this, don't have the pre-requisites for other courses I wish to take?
In cases where students have been able to enroll in courses without the required pre-requisites, they may be removed without notice or not be awarded credits for the course and fees will not be reimbursed.

Pre-requisite overrides must be officially requested through your Program Coordinator and special permissions may be granted based on these (4) conditions:

e) Student is in good academic standing
f) Student has completed all other pre-requisites
g) Student has already attempted the pre-requisite they are attempting to override
h) The professor must also provide permission to take the course without the pre-requisite

7 - OTHER IMPORTANT INFORMATION TO ENSURE YOUR SUCCESS

7.1 Graduation

In order to be awarded your degree from Laurentian University you must complete an Application to Graduate Form, whether or not you plan to attend the convocation ceremony. You are not eligible to identify yourself as having a B.Eng or B.Cosc unless you apply to graduate upon completion of all requirements for the program.

Students graduating with a GPA 5.5+ receive a degree "with Honours". Students graduating with a GPA 7.5+ receive their degree with "Cum Laude" honours. Students graduating with a GPA of at least 9.0 receive their degree with "Magna Cum Laude" honours. The overall GPA must be calculated on a minimum of 45 credits for a three-year degree or 60 credits for a four-year degree. Only credits completed at Laurentian University will be considered in the calculation.

7.2 Iron Ring – Engineering Students

With the graduation of an engineering student comes a unique and memorable event: The Iron Ring Ceremony.
A tradition since 1925, the ring is worn on the little finger of the working hand to symbolize the pride engineers have in their profession and to remind them of their obligation to live by a high standard of professional conduct. Although the ring represents an enormous achievement, it does not make the wearer an engineer. Graduation is just the first step to obtaining licensure and becoming a professional engineer. The Iron Ring ceremony typically takes place in March of each year for the graduating class. An information session is held prior to the ceremony which graduating students are required to attend.

More information can be found at www.ironring.ca

7.3 PPE Exam – Engineering Students

Graduates of the program are eligible to write the Professional Engineers Ontario (PEO) "Professional Practice Examination (PPE)". This exam is scheduled three times a year (April, August and December).
Please refer to the PEO website for complete information about the registration process for new registrants www.peo.on.ca.

7.4 Transcripts

Your official transcript is a chronological record of all the academic courses you have taken at Laurentian University and the grades you achieved. You, the student, are the only one that can request your transcripts. The Registrar's Office handles all transcript requests: transcripts@laurentian.ca

7.5 Student Clubs / Teams

In addition to the university wide school associations, the School of Engineering and Computer Science students have established the following clubs and teams:

LU Student Computer Technologies Club sirvine@laurentian.ca
The Student Computer Technologies Club is a club of Computer Science enthusiasts who are passionate about creating, coding and collaborating on fun challenges and events made to elevate new students' understanding of Computer Sciences, and challenge experienced programmers. We host coding competitions and game nights, with a community of 70+ students who all share the same goals of exploring new technologies, building fun projects and meeting like-minded people who share the same passion.

LUESS: LU Engineering Student Society (Room CF105H) luesspresident@laurentian.ca
LUESS is your student body representation. LUESS's mandate is to provide the engineering student body with academic, professional and social engagements. They plan and organize student events, sell t-shirts and jackets, etc and represent engineering students in all other aspects. LUESS is chosen by the student body and work to make your experience as a future engineer as good as it can be.

LUChEC: LU Chemical Engineering Chapter (Room CF105E) luchec@laurentian.ca
LUChEC organizes industry tours, social events and workshops throughout the year for chemical engineering students to experience various career options, create friendships and enhance their university experience.

LUCSC: LU CIM Student Chapter lcsc@laurentian.ca
Our vision is to give a voice to students from various programs preparing to enter the mining industry. Through social events and initiatives throughout the year, we aim to create networking opportunities for students with talks and presentations on the future of sustainable mining, especially focusing on Environmental, Social, and Governance (ESG). Our current executive team is multi-disciplined with Chemical, Mechanical, and Mining Engineering Students and we encourage students in Year 1 and Year 2 to reach out for involvement during upcoming terms.

LUMR: LU Mine Rescue (Room CF006) luminerescue@gmail.com
LUMR offers students valuable exposure to emergency preparedness and health and safety in the workplace through mine rescue training sessions and other events. LUMR Club offers training sessions on mine rescue first aid, procedures and special equipment to any students studying engineering or earth sciences. Our local community strongly supports the club and assists us in our goal to bring mine rescue training to students entering the mining industry.

LU Mining Games Team:
The Canadian Mining Games are an annual competition providing an opportunity for mining engineering students from across Canada to showcase their mining knowledge, problem-solving and adaptive capabilities through a variety of challenges. Sponsors are able to create and develop individual events and interact directly with students during competitions to evaluate their responses to new and challenging situations. In addition to the friendly competition, both students and industry representatives are given the chance to expand their network through banquets and a career fair.

LUVRC: LU Voyageur Racing Club (Baja) (Room CF105G) luvrc@laurentian.ca
LUVRC collaborates other students in the design, manufacturing, financing, and competing of a single-seat off-road vehicle.

LUWIE: LU Women in Engineering (Room CF105F) luwie@laurentian.ca
We look to inspire young girls to pursue engineering, to support female engineering students, and to network with professionals.

8 – CO-OP PROGRAMS

ENGINEERING

ADMISSION REQUIREMENTS :

- Must have a minimum GPA of 3.5 and must be in good academic standing.
- Successful completion of four academic terms

GOOD TO KNOW :

- May apply after two academic terms (first academic year) in order to begin searching for a placement to begin after the second academic year
- Gain essential industrial work experience, discovery and expansion of knowledge to add to your résumé before you graduate
- Gain hands-on knowledge for real-world solutions
- Allows the opportunity to network with industry professionals
- Potential to earn work experience towards your P.Eng license

	Fall	Winter	Summer
Year 1	Fall 1	Winter 1	
Year 2	Fall 2	Winter 2	Co-op 1
Year 3	Fall 3	Winter 3	Co-op 2
Year 4	Co-op 3	Co-op 4	Co-op 5
Year 5	Fall 4	Winter 4	

	Fall	Winter	Summer
Year 1	Fall 1	Winter 1	
Year 2	Fall 2	Winter 2	
Year 3	Fall 3	Winter 3	Co-op 1
Year 4	Co-op 2	Co-op 3	Co-op 4
Year 5	Fall 4	Winter 4	

	Fall	Winter	Summer
Year 1	Fall 1	Winter 1	
Year 2	Fall 2	Winter 2	Co-op 1
Year 3	Fall 3	Co-op 2	Co-op 3
Year 4	Co-op 4	Winter 3	
Year 5	Fall 4	Winter 4	

WHEN DO I COMPLETE THESE WORK TERMS :
Students can complete 4-, 8-, 12- or 16-month work terms after the completion of second year. The timing of placements depends on when the opportunities are available but may look something like the following :

Application instructions are typically sent out in September so that you can begin looking for work terms beginning the following summer. Please contact the Co-Op coordinator (engineeringco-op@laurentian.ca) for more information.

COMPUTER SCIENCE

CO-OP Orientation

September - learn about Co-op:

- Benefits
- Eligibility
- Process
- Deliverables

Apply to Co-op

Deadline Oct 1 send to Placement Co-ordinator

- Co-op Application form
- CV
- Up-to-date transcript

Career development workshops & Apply to jobs

October To April

- Eligible students added to D2L course
- Identify potential employers/check postings on D2L.
- Prepare Cover letter and resume. Send to employers (make sure job is vetted by Placement Coordinator).
- Prepare for interviews.
- Got a job? Approval process TBD
- Submit Co-op Contract **before** you start your placement.

Co-op PLACEMENT

May-August (for 4-month placements)

- Register to COSC-0001EL – Work Term (on self serve AND pay fees).
- Complete placement at the workplace

Deliverables

Deadline: August TBD; see details in the D2L course.

- Co-op report
- Student Performance Assessment
- Job Assessment Form

Please contact the Co-Op coordinator (compsci-coop@laurentian.ca) for more information.