LASSONDE SCHOOL OF ENGINEERING | YORK U

LEARNING, CURRICULUM & STUDENTS (LCS) COMMITTEE

Wednesday, February 19, 2025, 9:30-11:00 a.m.

Zoom

Associate Dean, Academic & Students	Suprakash Datta	☐
Assistant Dean, Students	Mitch Burnie	☐
Manager, Graduate Studies	Almey Tse-Soriano	☐
Vice-Chair of Council (non-voting)	Eric Ruppert	☐
Librarian	John Dupuis	☐
Faculty Members (1/dept)	Cuiying Jian (MECH) TBD (alternate)	☐
	Stephanie Gora (CIVL) Matthew Perras (alternate)	☐
	Shahin Kamali (EECS) John Lam (alternate)	☐
	Baoxin Hu (ESSE) Michael Bazzocchi (alternate)	☐
2 Faculty Members at large	Hossam Sadek (MECH) - LCS Chair	☐
	TBD	☐
3 Students (2 UG, 1 Grad)	Behrouz Homam (Undergraduate)	☐
	Radhey Patel (Undergraduate)	☐
	Benjamin Brunson (Graduate)	☐
Secretary to Committee (non-voting)	Pam Edgecombe	☐
Manager of Quality Assurance & Accreditation (non-voting)	Parag Jain	☐
Assistant Secretary (non-voting)	Frances Valerio	☐
Total # of Votes: 13	Total # of Votes with assigned members: 12	

Guests: Amirali Amirsoleiman, Sana Maqsood

AGENDA

Items	Person	Time	Topic	Goal	Documents to Review in Advance

1.	Hossam Sadek	5	Chair's Remarks & Consent Agenda items	Welcome
				• Chair's Remarks
				• Approval of Consent Agenda items
				• Items for Information:
				  ○ Executive Committee memo re LCS Priorities for 2024-25
				  ○ PARR Committee memo re EECS 3500
					Attached

2.	Baoxin Hu	5		**Action: Review and Approve LE/ESSE 2220 3.00 Course Changes (resubmitted from last month)** Item for information (already approved conditionally last month) - LE/ESSE 4370 3.00 Course Changes.	Attached

3.	Amirali Amirsoleimani Sana Maqsood	20		**Action: Review & Approve** 1. **LE/EECS 4202 3.00 New Course (Integrated with EECS 5202)** 2. **GS/EECS 5202 3.00 New Course Introduction to Neuromorphic Computing: From Principles to Hardware Design** 3. **GS/EECS 6351 3.00 New Course Designing and Evaluating Human-Centred Security and Privacy Systems**	Attached
4.	Mitch Burnie	20	Working Group	**Action: Create a Working Group for AURA AI Guidelines in LE** **Review and discuss the request to create a working group and the memo from Exec Committee re AI tool.**	Attached
5.	Mitch Burnie	20	Procedures	**Action: Review & Approve: Pilot to introduce LE Course Re-sit procedures**	Attached
6.	Hossam Sadek	15	Committee	Review and discuss Executive Committee's recommendations on what LCS might focus on in supporting curriculum items this year: 1. ***Systematic Issues with Math Skills*** a. *Review of First and Second-Year Courses: Conduct a thorough review to ensure prerequisites are adhered to and students are adequately prepared. Capture feedback from course directors and students to identify and address issues with math skills.* b. *Course Evaluations: Ensure course evaluations are reviewed to understand student difficulties and improve course delivery.* 2. ***Program Frameworks and Duplication of Courses*** a. *Study on Program Frameworks: LCS should conduct a study to identify duplicate courses and improve efficiency. Consider how to make the program structure easier for students to navigate.* 3. Clarification was requested about what specific CEAB & CPR supports LCS has or is going to provide. Background: This comment is a response to one of the Goal/Initiatives that was	Attached

				included in the LCS Priorities 2024-25 - "Provide guidance and oversight in the Canadian Engineering Accreditation Board (CEAB) and Cyclical Program Review (CPR) preparations."	
6.	Hossam Sadek	5	Other Business		

LCS Consent Agenda Items:

1. LCS Agenda
2. LCS Notes from January 15, 2025

Future Agenda Items:

1. **ESSE Proposals:**
   - 1.1. LE/ESSE 3380 4.00 Course Changes (pending TRON approval)
   - 1.2. GS/ESS 5103 2.00 New Course (pending Dept approval)
   - 1.3. LE/ESSE 4600 Course Changes – CCE – waiting for Gunho.
2. **EECS Undergrad Proposals: (pending clean-up and Dept approval**
   - 2.1. Electrical ENG Changes in Degree requirements V2
   - 2.2. Computer ENG Changes in Degree requirements V2
   - 2.3. LE/EECS 2025 3.00 New course V2
3. **EECS CSSD Course Changes**
   - 3.1. LE/CSSD 2211 3.00 Course Changes (pending Dept approval)
   - 3.2. LE/CSSD 2221 3.00 Course Changes (pending Dept approval
4. **EECS Graduate Program Proposals:**
   - 4.1. GS/EECS 6467 3.00 New Course (pending EECS Grad approval)
5. **MECH Grad Course proposal**
   - 5.1. Action: Review & Approve GS/MECH 6504 3.00 Course Changes item deferred back to Terry.
6. Professional Masters in Space Systems – Earth and Space Science and Engineering Department (F2025)
7. Professional Masters in Humanitarian Engineering - Not tied to a department (F2025)
8. Professional Masters in Digital Twins for Built Environment – Earth and Space Science and Engineering Department (WI2026)
9. M.Eng. in Electrical, Computer and Software Engineering – theme “Intelligent Systems” – Electrical Engineering and Computer Science Department (WI2026)
10. BEng Mechatronics (F2025)