LEARNING, CURRICULUM & STUDENTS (LCS) COMMITTEE
Wednesday, December 11, 2024, 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: Hossein Kassiri, Ebrahim Ghafar-Zadeh, Kevin Zhang

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
				• Information and reminders:
				   ○ Update from Faculty Council February 6th meeting
				   ○ E-Voting results for LE/EECS 3500 6.00 New Course proposal
				       ■ Yes – 5
				       ■ No – 2
				       ■ Abstain – 5
				       Total = 12
					Attached

2.	Hossein Kassiri, Ebrahim Ghafar-Zadeh	20	EECS Curriculum Changes	**Action: Review & Approve EECS Changes and Degree Requirements:** 1. **Electrical Engineering** – proposal to add the new courses approved at the last LCS	Attached

				Meeting LE/EECS 2025 4.00, LE/EECS 3500 6.00, LE/EECS 4646 4.00 as well as the following are existing courses: • LE/EECS 3623 4.00 – Power System Analysis • LE/EECS 4627 3.00 – Existing course Power System Protection • LE/EECS 4643 4.00 - Existing course Biomedical Signal Analysis 2. **Computer Engineering -** proposal to add the new courses approved at the last LCS Meeting LE/EECS 2025 4.00, LE/EECS 4646 4.00 3. **Software Engineering –** proposal to switch the option of courses in the program requirements - LE/EECS 3421 3.00 – Introduction to Database Systems VS LE/EECS 3452 3.00 - Linear Control Systems	
3.	Stephanie Gora Kevin Zhang	20	CIVL Curriculum	**Review & Approve CIVL proposals:** 1. **LE/CIVL 4025 3.00 New course - Drinking Water Engineering and Management** 2. **LE/CIVL 4051 3.00 New course - Building Science Principles and Applications** 3. **CIVL Engineering Changes in Degree requirements**	Attached
4.	Regina Lee	15	ESSE Curriculum	**Review & Approve: Standard Minor Modification in the Certificate in Mechatronics**	Attached
5.	Hossam Sadek	20	Committee Priorities	**Action: Review and Approve: LCS Priorities 2024-2025**	Attached
6.	Hossam Sadek	5	Other Business		

LCS Consent Agenda Items:
1. LCS Agenda
2. LCS Notes from November 27, 2024

Future Agenda Items:
1. LCS Priorites 2024-2025
2. **ESSE Proposals:**
   2.1. LE/ESSE 3380 4.00 Course Changes
   2.2. GS/ESS 5103 2.00 New Course
   2.3. ESSE Changes in the Certificate in Mechatronics

3. **EECS Undergrad Proposals:**
   3.1. [LE/EECS 4202 3.00 New Course](#) (Integrated with EECS 5202)
   3.2. Electrical ENG Changes in Degree Requirements V2
   3.3. Computer ENG Changes in Degree Requirements V2
4. **EECS CSSD Course Changes**
   4.1. [LE/CSSD 2211 3.00 Course Changes](#)
   4.2. [LE/CSSD 2221 3.00 Course Changes](#)
5. **EECS Graduate Program Proposals:**
   5.1. [GS/EECS 6467 3.00 New Course](#)
   5.2. [GS/EECS 5202 3.00 New Course](#)
6. **CIVL Grad Course proposals**
   6.1. [GS/CIVL 6611 0.0 New Course](#)
   6.2. [GS/CIVL 6216 3.0 New Course](#)
7. Professional Masters in Space Systems – Earth and Space Science and Engineering Department (F2025)
8. Professional Masters in Humanitarian Engineering - Not tied to a department (F2025)
9. Professional Masters in Digital Twins for Built Environment – Earth and Space Science and Engineering Department (WI2026)
10. M.Eng. in Electrical, Computer and Software Engineering – theme "Intelligent Systems" – Electrical Engineering and Computer Science Department (WI2026)
11. BEng Mechatronics (F2025)