

LEARNING, CURRICULUM & STUDENTS (LCS) COMMITTEE

Wednesday, January 15, 2025, 9:30-11:00 a.m.

Zoom

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

Guests: Regina Lee

| AGENDA | | | | | |
|--------|----------------|------|--|--|--------------------------------|
| Items | Person | Time | Topic | Goal | Documents to Review in Advance |
| 1. | Hossam Sadek | 10 | Chair's Remarks & Consent Agenda items | Welcome <ul style="list-style-type: none"> • Chair's Remarks • Approval of Consent Agenda items • Information and reminders: <ul style="list-style-type: none"> ○ Executive Committee memo re proposals submitted by LCS. | Attached |
| 2. | Regina Lee | 15 | ESSE Curriculum | Action: Review and Approve ESSE Course Changes <ol style="list-style-type: none"> 1. ESSE 2220 3.00 Course Changes 2. ESSE 4370 3.00 Course Changes | Attached |
| 3. | | 10 | MECH Grad Curriculum | Action: Review & Approve GS/MECH 6504 3.00 Course Changes | Attached |
| 4. | Stephanie Gora | 20 | CIVL Grad Curriculum | Action: Review & Approve <ol style="list-style-type: none"> 1. GS/CIVL 6611 0.0 New Course 2. GS/CIVL 6216 3.0 New Course | Attached |

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|----|--------------|----|--------------------|---|----------|
| 5. | Hossam Sadek | 35 | Committee Business | <p>Review and discuss Executive Committee’s recommendations on what LCS might focus on in supporting curriculum items this year:</p> <ol style="list-style-type: none"> 1. Systematic Issues with Math Skills <ol style="list-style-type: none"> 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 <ol style="list-style-type: none"> 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. Exec Committee is seeking clarification about what specific CEAB & CPR supports LCS has or is going to provide. | Attached |
| 6. | Hossam Sadek | 5 | Other Business | | |

LCS Consent Agenda Items:

1. LCS Agenda
2. LCS Notes from December 11, 2024

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 \(pending Dept approval\)](#)
- 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 4202 3.00 New Course](#) (Integrated with EECS 5202)
 - 2.4. [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 \(pending EECS approval\)](#)
 - 4.2. [GS/EECS 5202 3.00 New Course \(pending Dept approval\)](#)

5. Professional Masters in Space Systems – Earth and Space Science and Engineering Department (F2025)
6. Professional Masters in Humanitarian Engineering - Not tied to a department (F2025)
7. Professional Masters in Digital Twins for Built Environment – Earth and Space Science and Engineering Department (WI2026)
8. M.Eng. in Electrical, Computer and Software Engineering – theme “Intelligent Systems” – Electrical Engineering and Computer Science Department (WI2026)
9. BEng Mechatronics (F2025)