

LEARNING, CURRICULUM & STUDENTS (LCS) COMMITTEE

Wednesday, December 10, 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"/>
Chair of Council (non-voting)	Eric Ruppert	<input type="checkbox"/>
Librarian	John Dupuis	<input type="checkbox"/>
Faculty Members (1/dept)	Nima Tabatabaei (MECH)	<input type="checkbox"/>
	Ronald Hanson (alternate)	
	Pulin Mondal (CIVL)	<input type="checkbox"/>
	Ahmed Elyasti (alternate)	
	Jarek Gryz (Fall)	<input type="checkbox"/>
2 Faculty Members at large	Sebastian Magierowski (Winter)	
	Parke Godfrey (alternate)	
	Baoxin Hu (ESSE)	<input type="checkbox"/>
3 Students (2 UG, 1 Grad)	Michael Bazzocchi (alternate)	
	Hossam Sadek (MECH)	<input type="checkbox"/>
2 Faculty Members at large	Hung Pham (EECS)	<input type="checkbox"/>
	Edson Takei (Undergraduate)	<input type="checkbox"/>
3 Students (2 UG, 1 Grad)	Judy El Ghargomi (Undergraduate)	<input type="checkbox"/>
	Kevin Hui (Graduate)	<input type="checkbox"/>
Secretary to Committee (non-voting)	Parag Jain	<input type="checkbox"/>
Assistant Secretary (non-voting)	Frances Valerio	<input type="checkbox"/>
Total # of Votes: 13	Total # of Votes with assigned members: 12	

Guests: Ruba Al Omari, John Lam, Emily Kuang, Gias Udin, May Haidar

AGENDA					
Items	Person	Time	Topic	Goal	Documents to Review in Advance
1.	Nima Tabatabaei	5	Chair's Remarks & Consent Agenda items	LCS Chair's remarks Approval of LCS consent agenda items	Attached
2.	Suprakash Datta	10	Curriculum	Action: Review & Approve Minor Modifications to Mechatronics Degree requirements – pg. 10	Attached
3.	Ruba Al Omari	15	Curriculum	Action: Review & Approve Minor Modifications to Change the Program name - Computer Security to Cybersecurity – pg. 22	Attached
4.	John Lam Emily Kuang Gias Udin	15	Curriculum	Action: Review & Approve EECS Graduate courses <ol style="list-style-type: none"> GS/EECS 6321 0.50 - Prompting and User-Centered Evaluation of Generative AI Systems – pg. 42 GS/EECS 6467 3.00 - Trustworthy AI Systems Engineering – pg. 52 	Attached

5.	May Haidar	40	Curriculum	<p>Action: Review & Approve Markham course proposals:</p> <ol style="list-style-type: none"> 1. LE/COOP 2100 Course Changes - Professional Development for Co-Op Students – pg 65 <p>Rationale: The current course description does not list the required CSSD 2100 prerequisites. Since the program will include a co-op option aligned with the existing Lassonde structure, these prerequisites need to be explicitly added to the course description.</p> <ol style="list-style-type: none"> 1. LE/CSSD 3101 3.00 New Course Software Requirements and Analysis – pg. 79 2. LE/CSSD 3102 2.00 New Course Introduction to Functional & Logic Programming – pg. 94 3. LE/CSSD 3104 2.00 New Course Programming for Multicore CPUs & GPUs – pg. 106 4. LE/CSSD 3106 2.00 New Course Principles of Computer Networks -pg. 118 5. LE/CSSD 3107 2.00 New Course Operating Systems Essentials - pg. 131 6. LE/CSSD 3111 3.00 New Course Software Development for Cloud Computing - pg. 144 7. LE/CSSD 3121 3.00 New Course Information Systems Forensics – pg. 158 8. LE/CSSD 3131 3.00 New Course Machine Learning- pg. 171 9. LE/CSSD 3201 4.00 New Course Introduction to Databases – pg. 185 10. LE/CSSD 3203 3.00 New Course Software Testing and Quality – pg. 198 11. LE/CSSD 3211 3.00 New Course Distributed Computing & Cloud Systems – pg. 212 12. LE/CSSD 3221 3.00 New Course Network Security - pg. 226 13. LE/CSSD 3231 3.00 New Course Applied Machine Learning: Projects, Evaluation & Responsible AI - pg. 239 14. LE/DIGT 4101 3.00 New Course Artificial Intelligence & Symbolic Reasoning – pg. 252 15. LE/DIGT 4102 3.00 New Course Auditing & Governance of Information Systems – pg. 266 16. LE/DIGT 4103 3.00 New Course User Interface Development – pg. 281 	Attached
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17. [LE/DIGT 4122 3.00 New Course](#) Threat Management & Protection of Systems – pg. 296
18. [LE/DIGT 4123 3.00 New Course](#) Security Development & Operations – pg 310
19. [LE/DIGT 4132 3.00 New Course](#) Applied Machine Learning: Projects, Evaluation & Responsible AI – pg. 323
20. [LE/DIGT 4133 3.00 New Course](#) Big Data Analytics & Mining – pg. 337
21. [LE/DIGT 4141 9.00 New Course](#) Software Development Synoptic Project – pg. 352
22. [LE/DIGT 4142 3.00 New Course](#) Software Development I: Software Requirements – pg. 367
23. [LE/DIGT 4143 3.00 New Course](#) Software Development II: Model-based Design & Verification of Software Systems – pg. 382
24. [LE/DIGT 4171 9.00 New Course](#) Specialization Synoptic Project – pg 397
25. [LE/DIGT 4201 3.00 New Course](#) Cloud Computing: Development & Operations – pg. 401
26. [LE/DIGT 4221 3.00 New Course](#) Digital Forensics – pg. 425
27. [LE/DIGT 4231 3.00 New Course](#) Deep Learning: Vision, Language & Generative Models – pg. 431
28. [LE/DIGT 4241 3.00 New Course](#) Software Development III: DevOps & Software Reliability – pg. 4241

29. CSSD BAsC Honours Changes in Degree requirements – pg. 468 and 471
30. CSSD BAsC Ordinary Changes in Degree requirements – pg. 468 and 477
31. Digital Technologies BAsC Honours (Software Development) Changes to Degree Requirements – pg. 482
32. Digital Technologies BAsC Honours (Data Science) Changes to Degree Requirements – pg. 488
33. Digital Technologies BAsC Honours (Cyber Security) Changes to Degree Requirements – pg. 494

Rationale: The following courses are being changed to include the course credit exclusions of the newly proposed CSSD and DIGT courses.

				<p>34. LE/EECS 3214 3.00 Course Changes Computer Network Protocols and Applications – pg. 500</p> <p>35. LE/EECS 3221 3.00 Course Changes Operating System Fundamentals – pg. 513</p> <p>36. LE/EECS 3404 3.00 Course Changes Applied Machine Learning – pg. 526</p> <p>37. LE/EECS 3405 3.00 Course Changes Fundamentals of Machine Learning – pg. 540</p> <p>38. LE/EECS 3421 3.00 Course Changes Introduction to Database Systems – pg. 555</p> <p>39. LE/EECS 3461 3.00 Course Changes User Interfaces – pg. 563</p> <p>40. LE/EECS 4222 3.00 Course Changes Distributed Computing Systems – pg. 576</p> <p>41. LE/EECS 4312 3.00 Course Changes Software Engineering Requirements – pg. 590</p> <p>42. LE/EECS 4313 3.00 Course Changes Software Testing and Quality Assurance – pg. 606</p>
6.	Nima Tabatabaei	5	Other Business	

LCS Consent Agenda Items:

1. LCS Agenda
2. LCS Notes, November 26, 2025

Future Agenda Items:

1. EECS CSSD proposals:

- 1.1. [LE/CSSD 2102 4.00 Course Changes](#)
- 1.2. [LE/CSSD 2103 .050 Course Changes](#)
- 1.3. [LE/CSSD 2104 2.00 Course Changes](#)
- 1.4. [LE/CSSD 2105 1.00 Course Changes](#)
- 1.5. [LE/CSSD 2106 0.50 Course Changes](#)
- 1.6. [LE/CSSD 2211 3.00 Course Changes \(pending Dept approval\)](#)
- 1.7. [LE/CSSD 2221 3.00 Course Changes \(pending Dept approval\)](#)

2. ESSE Proposals:

- 2.1. [GS/ESS 5103 2.00 New Course \(pending Dept approval\)](#)
3. Professional Masters in Space Systems – Earth and Space Science and Engineering Department (F2025)
4. Professional Masters in Humanitarian Engineering - Not tied to a department (F2025)
5. Professional Masters in Digital Twins for Built Environment – Earth and Space Science and Engineering Department (WI2026)
6. M.Eng. in Electrical, Computer and Software Engineering – theme “Intelligent Systems” – Electrical Engineering and Computer Science Department (WI2026)

