ELEC4910   Co-op Program

Course Description

Students in this co-op program will be engaged in practical hands-on training for a period of at least 5 months working in an organization or company that provides qualified training relevant to the electronic and computer engineering profession. Students are required to complete a final year project under the supervision of an industrial supervisor and a faculty member during the co-op. May be graded PP. For ELEC students in their third or fourth year of study only. Approval of the course coordinator is required for enrollment in the course. *Exclusion(s):* ELEC 4900, ELEC 4901

Statement of Objectives/Outcomes:

On successful completion of this course, students will be able to:

CO1 - Use tools or platforms commonly used in the engineering industry in order to solve engineering and business problems in an efficient, economical, and practical way.

CO2 – Be well-equipped to enter and become productive members of the work force.

CO3 - Be aware of the professional practices and ethical responsibilities of engineers.

CO4 – Gain experience applying their knowledge of mathematics, science and electronic and computer engineering in an industrial setting.

CO5 - Cooperate with people from various disciplines and backgrounds to work in a team environment.

CO6 – Understand the steps in solving a practical problem from background research to problem solution.

CO7 - Execute a complete project from problem formulation, design/implementation, up to verification, documentation and presentation.

CO8 - Identify the contribution of the project.

Textbook(s):

No textbook

Relationship of Course to Program Outcomes:

Please refer to the Report Section 4.3.2 (iii).

Grading Scheme:

Proposal Report	10%
Progress Report	30%
Final Report	50%
Oral Presentation	10%

Overall: 50% from Supervisors + 50% from committee member(s)