

Course code Course Title
CPEG 4912 Computer Engineering Final Year Thesis in ELEC (Spring 22-23)

Course Description

Each student taking the Research Option of the Computer Engineering program is required to complete an individual thesis before graduation. The student is expected to conduct a research on a topic related to Computer Engineering and/or its application. The thesis is conducted under the supervision of faculty members from the Department of Electronic and Computer Engineering. Credit load will be spread over the year. Instructor's approval is required for enrollment in the course. For CPEG students only.

Statement of Objectives/Outcomes

1. Recognize the importance and difficulties in applying learned skills/knowledge to solve research problems
2. Understand the steps in solving a research problem from literature review to problem solution
3. Execute a complete project from problem formulation, design/optimization, up to verification, thesis preparation and presentation
4. Identify the novelty/contribution of the thesis

Textbook(s)

No textbook

Grading Scheme

Grading Items	Faculty Supervisor Weight (50%)	Committee 1 Weight (35%)	Committee 2 Weight (15%)
5 Monthly Reports	N/A	N/A	N/A
Proposal Report	10%	N/A	N/A
Progress Report	15%	10%	5%(by comm tutor)
Final Report	25%	20%	5%(by comm tutor)
Oral Presentation / Thesis Defense (F	N/A	5%	5%
Poster/Video	N/A	N/A	N/A

- Monthly reports and video/poster presentations must be submitted/completed but do not directly contribute to the overall grade.
- Supervisors decide 50% of the overall grade. The remaining 50% will be assessed by committee member(s) who will read your report and attend your presentation.