

The Hong Kong University of Science and Technology

UG Course Syllabus

Co-op Program

CPEG 4910

6 credits

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 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 CPEG students in their third or fourth year of study only. Approval of the course coordinator is required for enrollment in the course. Exclusion(s): CPEG 4901, CPEG 4902, CPEG 4911, CPEG 4912

Statement of Objectives/Outcomes:

Upon successful completion of this course, students will would:

- 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
- Be well-equipped to enter and become productive members of the work force
- Be aware of the professional practices and ethical responsibilities of engineers
- Gain experience applying their knowledge of mathematics, science and computer science and engineering in an industrial setting
- Cooperate with people from various disciplines and backgrounds to work in a team environment

Assessments:

- Students will be enrolled in CPEG 4910 Co-op Program, a 6-credit course. Students are NOT required to enroll in CPEG4901/4902/4911/4912 Computer Engineering Final Year Project/Thesis in COMP/ELEC and CPEG 1971 Industrial Experience.
- Students should submit all assignments on the following platforms by the respective deadlines set:

A) Final Year Project Management System

(CSE: <https://fypms.cse.ust.hk/> or ECE: <https://fypms.ece.ust.hk/>)

- Proposal Report (Deadline: end of 1st month)
- Progress Report (Deadline: end of 3rd month)
- Final Report (Deadline: end of final month)
- Project Poster (Deadline: end of final month)
- Final Presentation (Deadline: end of final month)

** The Final Presentation will be assessed by a panel including the Industrial Supervisor, Academic Supervisor and 1 extra faculty member from HKUST.*

** Since the Co-op period of each student is different, individual students should refer to the Final Year Project Management System for the exact due dates of his/her assignments.*

B) SENG Online Internship System (<https://e-advising1.seng.ust.hk/cgi-bin/internship/index.php>)

- Application Form & Contract/ Offer Letter (Deadline: end of 1st week)
- Supervisor Feedback Form (Deadline: end of final month)
- Internship Report (Deadline: end of final month)
- Survey (Deadline: end of final month)

** To be assessed by Internship Coordinator of the student's Academic Department/ Program.*

** Students should indicate in the Application Form and Internship Report that the internship is part of the Co-op Program.*

** The Internship Report should include student's learning reflection, description of matters learnt during the internship etc. It CANNOT be a repetition of any of the assignments in A.*

Required Texts and Materials

No textbook