Industrial Experience

CPEG 1971

0 credit

Course Description

Full-time internship training for a period of at least six weeks in an organization or company recognized by the Program for providing qualified internship training relevant to the computer engineering profession. Separately, students must also complete the 1-day Safety Training module. Cantonese or other working languages may be used in off-campus trainings and internships, in some situations. For students in the BEng in Computer Engineering program under the four-year degree only. Internship coordinator's approval is required for enrollment in the course. Graded P, PP or F.

List of Topics:

Safety Training:

A   Safety Management, Safety Regulation and Risk Assessment
B   Occupational Health
C   Electrical and Pressure Safety
D   Fire Safety

Those who fail to take part in internship training are required to complete the following industrial training modules organized by Industrial Training Center in their Year 4 Winter:

- Electronic Practice for Engineering Students
- Linux System Administration
- Linux Network Administration
- Cloud Services in Azure

Statement of Objectives/Outcomes:

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

- apply knowledge, techniques, skills and tools learned from the program of study to a variety of tasks relevant to the computer engineering profession
- develop problem solving skills for a wide range of computer engineering problems by taking into consideration of various real-life constraints
- recognise operation and requirement of real-life business, leading to understanding of professional, ethical, legal, security and social issues and responsibilities
- develop effective communication, interpersonal and teamwork skills
- recognise the need for lifelong learning and continuing professional development

Assessments:

All students: 100% attendance of Safety Training

For students who take part in internship:

Internship report, supervisor feedback form and self-evaluation survey

For students who take part in Industrial Training modules:

Industrial training reports and Logbook

Required Texts and Materials

No textbook