

# EE4084: PROFESSIONAL INTERNSHIP PROGRAM

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## Effective Term

Summer Term 2024

## Part I Course Overview

### Course Title

Professional Internship Program

### Subject Code

EE - Electrical Engineering

### Course Number

4084

### Academic Unit

Electrical Engineering (EE)

### College/School

College of Engineering (EG)

### Course Duration

Non-standard Duration

### Other Course Duration

Three semesters (summer term included)

### Credit Units

0-9

### Level

B1, B2, B3, B4 - Bachelor's Degree

### Medium of Instruction

Other Languages

### Other Languages for Medium of Instruction

English and other languages appropriate to the placement setting

### Medium of Assessment

English

### Prerequisites

Nil

### Precursors

Nil

### Equivalent Courses

Nil

**Exclusive Courses**

EE4081 or EE4082 or EE4083 or EE4085 or EE4086 or EE4087

**Additional Information**

Course Fulfilment:

Students successfully completed the Internship Program will earn 9 Credit Units in their academic records at the University, which can be used to waive the Major requirements of EE3012/EE2066 Engineers in Society, EE4080 Project or its equivalent, and Engineering Training EE4090 or (EE4096 and EE4097) or its equivalent.

**Part II Course Details****Abstract**

This course aims to provide students with the opportunity to:

- appreciate a real working environment under the guidance of experts
- integrate the knowledge they acquired and apply it in a real work setting
- appreciate team work, group / organizational behaviour in a work environment
- gain real work experience, which will enhance their competitiveness in an increasingly challenging job market.

The program is conducted at the host company, whereby students are jointly supervised by the host mentor and the EE supervisor. Students joining this program are not allowed to take the option of Part B (Industrial Project) of EE4080 Project or its equivalent at the same company.

**Course Intended Learning Outcomes (CILOs)**

CILOs		Weighting (if DEC-A1 DEC-A2 DEC-A3 app.)			
1	Aware of the role and functioning of engineering and technology in a company by observing its operations and discovering the practice and standards.		x	x	
2	Demonstrate an attitude to propose solution for problems through independent investigation and solve problems by applying proper engineering tools and analysis techniques		x	x	x
3	Demonstrate discipline and responsibility in a team			x	x
4	Aware of professional ethics in a real-life environment		x	x	

**A1: Attitude**

Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

**A2: Ability**

Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to real-life problems.

**A3: Accomplishments**

Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

**Learning and Teaching Activities (LTAs)**

LTAs		Brief Description	CILO No.	Hours/week (if applicable)
1	Workshop training placement/ personal coaching/ other activities	Pre/post-placement training seminars and reflection through writing interim and final reports	2, 4	
2	Workshop training placement/ personal coaching/ other activities	The actual placement work, supervision and feedback from company supervisor	1, 2, 3, 4	
3	Workshop training placement/ personal coaching/ other activities	Supervision and feedback from academic supervisor	2, 4	
4	Workshop training placement/ personal coaching/ other activities	Logbook, project presentation, company visits and interviews by CityU supervisors	2, 3, 4	

#### Additional Information for LTAs

The placement should last for 12 months.

#### Assessment Tasks / Activities (ATs)

ATs	CILO No.	Weighting (%)	Remarks (e.g. Parameter for GenAI use)
1	Continuous Assessment	100	
2	Placement report for actual placement work in training company and technical knowledge/skills acquired in the internship programme	1, 2, 3, 4	
3	Written report on the role of engineer in professional society	1, 2, 3, 4	
4	Feedback from academic supervisor based on company feedback, and visit & placement report	1, 2, 3, 4	

#### Continuous Assessment (%)

100

#### Examination (%)

0

#### Additional Information for ATs

Remark:

The assessment is purely on a pass/fail basis. To pass the course, the comments by the company mentor on the logbook must be at the satisfactory level or above.

#### Assessment Rubrics (AR)

**Assessment Task**

Actual placement work

**Criterion**

Ability to complete and fulfill all job duties

**Pass (P)**

Reach the required level

**Failure (F)**

Not even reaching margin level

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**Assessment Task**

Placement report

**Criterion**

(a) Ability to report and reflect on placement learning experience

(b) Ability to describe the project work in the company

(c) Ability to describe the technical knowledge/skills acquired in the internship programme

**Pass (P)**

Reach the required level

**Failure (F)**

Not even reaching margin level

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**Assessment Task**

Written report on the role of engineer in professional society

**Criterion**

Ability to describe and reflect on the role of engineer in professional society

**Pass (P)**

Reach the required level

**Failure (F)**

Not even reaching margin level

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**Assessment Task**

Feedback from company supervisor

**Criterion**

Ability to achieve in overall performance

**Pass (P)**

Reach the required level

**Failure (F)**

Not even reaching margin level

**Assessment Task**

Feedback from academic supervisor

**Criterion**

Ability to perform in placement work, report and reflection

**Pass (P)**

Reach the required level

**Failure (F)**

Not even reaching margin level

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## Part III Other Information

**Keyword Syllabus**

Nil

**Reading List**

**Compulsory Readings**

Title	
1	Nil

**Additional Readings**

Title	
1	Nil