

**City University of Hong Kong  
Course Syllabus**

**offered by College/School/Department of Electrical Engineering  
with effect from , Summer Term, 2019**

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**Part I Course Overview**

**Course Title:** Professional Internship Program

**Course Code:** EE4081

**Course Duration:** Two semesters

**Credit Units:** 6

**Level:** B4

**Proposed Area:**  Arts and Humanities  
(for GE courses only)  Study of Societies, Social and Business Organisations  
 Science and Technology

**Medium of Instruction:** English and other languages appropriate to the placement setting

**Medium of Assessment:** English

**Prerequisites:** Nil  
(Course Code and Title)

**Precursors:** Nil  
(Course Code and Title)

**Equivalent Courses:** Nil  
(Course Code and Title)

**Exclusive Courses:** Nil  
(Course Code and Title)

## Part II Course Details

### 1. Abstract

This course aims to provide students with the opportunity to:

- appreciate a real working environment under guidance of expertise
- integrate the knowledge they acquired in classroom and apply it in real work setting
- appreciate team work, group / organizational behaviour in a work environment
- gain the 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.

### 2. Course Intended Learning Outcomes (CILOs)

(CILOs state what the student is expected to be able to do at the end of the course according to a given standard of performance.)

No.	CILOs <sup>#</sup>	Weighting* (if applicable)	Discovery-enriched curriculum related learning outcomes (please tick where appropriate)		
			A1	A2	A3
1.	Aware of the role and functioning of engineering and technology in a company through observation of its operations and discovering the practice and standards.		√	√	
2.	Demonstrate an attitude to propose solution for problems through independent investigation and solve problems by applying proper engineering tools and analysis techniques		√	√	√
3.	Demonstrate discipline and responsibility in a team			√	√
4.	Aware of the professional ethics in a real life environment		√	√	

\* If weighting is assigned to CILOs, they should add up to 100%.

100%

<sup>#</sup> Please specify the alignment of CILOs to the Gateway Education Programme Intended Learning outcomes (PILOs) in Section A of Annex.

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 self-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.*

### 3. Teaching and Learning Activities (TLAs)

(TLAs designed to facilitate students' achievement of the CILOs.)

TLA	Brief Description	CILO No.			Hours/week (if applicable)
		1 - 3	4 - 8	9 - 11	
Workshop training placement/ personal coaching/ other activities	Pre/post-placement training seminars and reflection through writing interim and final reports		√		8 -12 months
	The actual placement work, supervision and feedback from company supervisor	√	√	√	
	Supervision and feedback from academic supervisor	√	√	√	
	Logbook, Project Presentation, Company visits and interviews by CityU supervisors		√		

### 4. Assessment Tasks/Activities (ATs)

(ATs are designed to assess how well the students achieve the CILOs.)

Assessment Tasks/Activities	CILO No.			Weighting*	Remarks
	1 - 3	4 - 8	8 -11		
Continuous Assessment: <u>100%</u>					
Placement report for actual project work in training Company	√	√	√	40%	
Written report on the role of engineer in professional society	√	√	√	40%	
Feedback from academic supervisor based on company feedback, and visit & placement report	√	√	√	20%	
Examination: <u>N/A</u>					
				100%	

\* The weightings should add up to 100%.

**Remark: To pass the course, the comments by the company mentor on the logbook must be at the satisfactory level or above.**

**5. Assessment Rubrics**

*(Grading of student achievements is based on student performance in assessment tasks/activities with the following rubrics.)*

Assessment Task	Criterion	Excellent (A+, A, A-)	Good (B+, B, B-)	Fair (C+, C, C-)	Marginal (D)	Poor (F)
Actual placement work	Ability to complete and fulfil all job duties	High	Significant	Moderate	Basic	Not even reaching margin level
Placement report	Ability to report and reflect on placement learning experience	High	Significant	Moderate	Basic	Not even reaching margin level
Feedback from company supervisor	Ability to achieve in overall performance	High	Significant	Moderate	Basic	Not even reaching margin level
Feedback from academic supervisor	Ability to perform in placement work, report and reflection	High	Significant	Moderate	Basic	Not even reaching margin level

## 6. Constructive Alignment with Major Outcomes

MILO	How the course contribute to the specific MILO(s)
4	An ability to function on multi-disciplinary teams
5	An ability to identify, evaluate, formulate and solve engineering problems
6	Awareness of professional and ethical responsibilities
7	An ability to communicate effectively
8	Knowledge in contemporary issues and an awareness of the impact of engineering solutions in a broad, global and societal context

### Part III Other Information (more details can be provided separately in the teaching plan)

#### 1. Keyword Syllabus

N/A

#### 2. Reading List

##### 2.1 Compulsory Readings

*(Compulsory readings can include books, book chapters, or journal/magazine articles. There are also collections of e-books, e-journals available from the CityU Library.)*

1.	N/A
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##### 2.2 Additional Readings

*(Additional references for students to learn to expand their knowledge about the subject.)*

1.	N/A
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##### 2.3 Course Fulfilment

Students successfully completed the Internship Program will earn 6 Credit Units in their academic records at the University. As a result, they are waived from EE3012 Engineers in Society, and one technical elective.

For internships which lasts for 12 months, students can be further waived from Engineering Training II of their major program.