City University of Hong Kong
Course Syllabus

offered by Department of Electrical Engineering
with effect from, <u>Summer Term, 2021</u>

Part I Course Overview

Course Title:	Professional Internship Program
Course Code:	EE4081
Course Duration:	Two semesters
Credit Units:	6
Level:	B4

Proposed Area:
(for GE courses only)

☐ Arts and Humanities
☐ 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: *(Course Code and Title)*	Nil
Precursors: *(Course Code and Title)*	Nil
Equivalent Courses: *(Course Code and Title)*	Nil
Exclusive Courses: *(Course Code and Title)*	Nil

Part II Course Details

1. Abstract

This course aims to provide students with the opportunity to:
a) appreciate a real working environment under guidance of experts
b) integrate the knowledge they acquired in the classroom and apply it in a real work setting
c) appreciate team work, group / organizational behaviour in a work environment
d) 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.

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[#]	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 by observing 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 professional ethics in a real-life environment		√	√	

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

[#] 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	√	√	√	N/A	
Written report on the role of engineer in professional society	√	√	√	N/A	
Feedback from academic supervisor based on company feedback, and visit & placement report	√	√	√	N/A	
Examination: <u>N/A</u>					

* The weightings should add up to 100%.   N/A

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.

5.   Assessment Rubrics

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

To pass the course, students are required to pass all the four assessment tasks below.

Assessment Task	Criterion	Pass (P)	Poor (F)
Actual placement work	Ability to complete and fulfill all job duties	Reach the required level	Not even reaching margin level
Placement report	Ability to report and reflect on placement learning experience	Reach the required level	Not even reaching margin level
Feedback from company supervisor	Ability to achieve in overall performance	Reach the required level	Not even reaching margin level
Feedback from academic supervisor	Ability to perform in placement work, report and reflection	Reach the required level	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

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

1.	N/A

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 EE4090 or (EE4096 and EE4097) of their major program.