

City University of Hong Kong

Course Syllabus

offered by Department of Electronic Engineering
with effect from Semester A in 2024/2025

Part I Course Overview

Course Title:	Internship Scheme in Electronic Industry
Course Code:	EE6690
Course Duration:	9 – 13 Weeks
Credit Units:	3
Level:	P6
Medium of Instruction:	English
Medium of Assessment:	English
Prerequisites: (Course Code and Title)	12 Credit Units of MSc elective courses; or equivalent
Precursors: (Course Code and Title)	Nil
Equivalent Courses: (Course Code and Title)	Nil
Exclusive Courses: (Course Code and Title)	EE6691 Applied Research Internship Scheme in Electronic Engineering

Part II Course Details

1. Abstract

The aim of the internship is to provide students with an opportunity to integrate and apply what has been learnt in the taught postgraduate courses in the operation of the electronic industry and to develop their initiative, interests, and individual thinking via discovery learning.

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.	Organize and manage a substantial individual industrial project in Design, Applied Research, or Development, demonstrating effective project management skills.		✓	✓	✓
2.	Work independently with professionalism, successfully completing project assignments while adhering to industry standards and practices.		✓	✓	✓
3.	Exhibit initiative, innovation, and intellectual abilities in addressing and solving technically challenging projects/assignments, showcasing creative problem-solving skills.		✓	✓	✓
		100%			

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.

3. Learning and Teaching Activities (LTAs)

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

LTA	Brief Description	CILO No.						Hours/week (if applicable)
		1	2	3				
Daily interaction and communication with staff in the designated establishment	Students engage in daily interactions and communications with company mentors to work on industrial projects and assist in the day-to-day operations of the company, gaining practical experience and industry insights.	✓		✓				
Keeping a training log	Students maintain a reflective training log to document their work on industrial projects and daily company operations, recording their learning experiences, challenges, and personal growth throughout the internship.	✓	✓					
Students present and discuss their work experiences with supervisors on interim visits	CityU supervisors conduct regular visits and discussions with students and company mentors to review internship progress, provide guidance, and ensure alignment with learning goals, facilitating continuous improvement and support.	✓	✓	✓				
Giving a presentation that summarizes the learning during the industrial training	Students present their project progress and learning experiences through oral presentations, fostering discussions and idea exchange with supervisors and peers.	✓	✓	✓				

A supervisor to the internship will be assigned to each student. The supervisor(s) is/are responsible for guiding and overseeing the student on an individual basis.

Discovery Learning Experience (DLE) is an element to this course - with tasks assigned, and supported with regular meetings with students to assess their progress; students are feed-backed on their quality of tasks to the internship for progression

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	2	3					
Continuous Assessment: <u>100%</u>								
Assessment of log book, discussions/visits to obtain feedback from training company and final presentation	✓	✓	✓				100%	
Examination: <u>0%</u> (duration: , if applicable)								
							100%	

5. Assessment Rubrics

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

Applicable to students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter

Assessment Task	Criterion	Excellent (A+, A, A-)	Good (B+, B, B-)	Fair (C+, C, C-)	Marginal (D)	Failure (F)
1. Coursework	Achievements in CILOs	High	Significant	Moderate	Basic	Not even reaching marginal level

Applicable to students admitted from Semester A 2022/23 to Summer Term 2024

Assessment Task	Criterion	Excellent (A+, A, A-)	Good (B+, B,)	Marginal (B-, C+, C)	Failure (F)
1. Coursework	Achievements in CILOs	High	Medium	Low	Not even reaching marginal level

6. Constructive Alignment with Programme Outcomes

PILO	How the course contribute to the specific PILO(s)
1, 2, 3, 4, 5	The course provides students with ample opportunities in acquiring knowledge of new technologies in the chosen areas of an industrial project in Design, Applied Research, or Development.
6, 7	Students are required to complete a log book, and demonstrate their works in a final presentation at the end of the internship period. Students will also acquire some project management skills and develop sense of financial and industrial viability for the project.

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

1. Keyword Syllabus

Nil

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.)

	Nil
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2.2 Additional Readings

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

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