City University of Hong Kong
Course Syllabus

offered by Department of Electronic Engineering
with effect from Semester A in 2017/2018

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.	Organise and manage a substantial individual industrial project in Design, Applied Research, or Development.		✓	✓	✓
2.	Demonstrate the ability to work independently with professionalism in successfully completing project assignments.		✓	✓	✓
3.	Demonstrate initiative, innovative and intellectual abilities in handling a technically challenging project/assignment.		✓	✓	✓
		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 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	2	3				
Daily interaction and communication with staff in the designated establishment	Students will work on an industrial project and/or assist in the day-to-day operation of the company as assigned by their company mentors.	✓		✓				
Keeping a training log	Students will record work on industrial projects and/or the day-to-day operation of the company as assigned by their company mentors.	✓	✓					
Supervisory visits/discussions to review the internship with students and mentors	CityU supervisors will meet with their students at regular intervals during placement period to discuss their training and provide advice if necessary.	✓	✓	✓				
Giving a presentation that summarizes the learning during the industrial training	Students have to demonstrate their ideas and progress through oral presentations. They promote discussions and interchange of ideas among students and the supervisors during their presentations at CityU.	✓	✓	✓				

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: 100%								
Assessment of log book, discussions/visits to obtain feedback from training company and final presentation	✓	✓	✓				100%	
Examination: 0%								
							100%	

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)	Failure (F)
Coursework	Achievements in CILOs	High	Significant	Moderate	Basic	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 amble 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.)

1.	Nil

2.2 Additional Readings

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

1.	Nil