City University of Hong Kong

Information on a Course offered by Department of Electronic Engineering with effect from Semester A in 2012/13

Part I

Course Title:	Directed Studies for Taught Postgraduate Students
Course Code:	EE6611
Course Duration:	One semester (13 weeks)
No. of credits:	3
Level:	P6
Medium of Instruction:	English
Prerequisites :	12 Credit Units of MSc elective courses; or equivalent
Precursors *:*	Nil
Equivalent Course *:*	Nil
Exclusive Courses:	EE6680 Dissertation

Part II

Course Aims:

The course aims to provide students with learning experience to broaden their vision in selected Electronic Engineering areas in research and development, and to develop their initiative, interests, and individual thinking via discovery learning. After the course, the students should have a deeper understanding on a specific area.

Course Intended Learning Outcomes (CILOs)

Upon successful completion of this course, students should be able to:

No.	CILOs
1.	Organise and manage a substantial individual task in selected areas in research and development.
2.	Demonstrate the ability to work independently with professionalism in successfully completing Directed Studies assignments.
3.	Demonstrate initiative, innovative and intellectual abilities in handling a technically demanding work.
4.	Disseminate results of the Directed Studies in a combination of continuous assessment and/or examination, or continuous evaluation of student's learning process and outcomes reflecting what they learnt in the course.

Teaching and Learning Activities (TLAs)

(Indicative of likely activities and tasks designed to facilitate students' achievement of the CILOs. Final details will be provided to students in their first week of attendance in this course)

A supervisor of the Directed Studies 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 via the directed studies, and supported with regular meetings with students to assess their progress; students are feed-backed on their quality of their case studies for progression,*

Teaching and Learning Activities will include a mixture of lecture/tutorial/laboratory/mini-project, as an outcome of discussion with the supervisor prior to enrolling in the Directed Studies course, and approved by the Programme Leader.

CILO 1	Research, lecture, tutorial, laboratory, mini-project, discussion with supervisor
CILO 2, 3	Lecture, tutorial, laboratory, mini-project, discussion with supervisor
CILO 4	Oral presentation, examination, test, demonstration

Timetabling Information

Pattern	**Hours**
Lecture:	0
Tutorials:	0
Laboratory:	
Other activities:	39 (mixture of lecture/tutorial/laboratory/mini-project)

Assessment Tasks/Activities

(Indicative of likely activities and tasks designed to assess how well the students achieve the CILOs. Final details will be provided to students in their first week of attendance in this course)

	Type of assessment tasks	*Weighting (if applicable)*
Continuous Assessment	Demonstration, Presentation, Tests	100%
Examination	Written exam	N/A

Remarks: A report on his/her Directed Studies has to be submitted to the Department by the student.

The assessment process will take the form as assigned by the programme leader. The form may include oral presentation, examination, test, demonstration, etc. Assessment will be carried out by an assessment panel appointed by the Head of Department and comprises a chairman, an assessor and the project supervisor.

Grading of Student Achievement:

Letter Grade	**Grade Point**	**Grade Definitions**
A+ A A-	4.3 4.0 3.7	Excellent
B+ B B-	3.3 3.0 2.7	Good
C+ C C-	2.3 2.0 1.7	Adequate
D	1.0	Marginal
F	0.0	Failure

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 and evaluation of electronic and information engineering technologies in the chosen areas of directed studies.
6, 7	Students are required to complete directed studies, demonstrate and present their outcomes. Students will also acquire mini-project management skills.

Part III

Keyword Syllabus:

The course is flexible, and has no specific syllabus. An academic staff member can direct student(s) to pursue a technical problem or to attend a particular workshop or course.

The directed studies will be drawn from available staff expertise, with emphasis being placed on a current trend of technologies.

Recommended Reading:

The directed studies supervisor shall recommend relevant books, publications and reference materials prior to the commencement of the project

Online Resources (if any)
Nil