City University of Hong Kong

Information on a Course offered by Department of Electronic Engineering with effect from Semester A 2011/12

Part I

Course Title: Advanced Topics in Engineering I

Course Code: EE6450

Course Duration: One semester (13 weeks)

No. of credits: 3

Level: P6

Medium of Instruction: English

Prerequisites : To be prescribed by the visiting scholar or the course lecturer

Precursors *:* Nil

Equivalent Course *:* Nil

Exclusive Courses:

Part II

Course Aims:

This course aims to provide students with an opportunity to study advanced engineering subjects presented by visiting scholars with expertise in the area of Electronic Engineering and Information Technology.

Course Intended Learning Outcomes (CILOs)
Upon successful completion of this course, students should be able to:

No.	CILOs
1.	Understand the engineering problems in the selected areas.
2	Describe the technology in the selected areas.
3.	Apply the selected advanced Technology to solving problems.

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)

CILO 1	Lecture
CILO 2, 3	Lecture, tutorial, case studies

Timetabling Information

Pattern	Hours
Lecture:	26
Tutorials:	13*
Laboratory:	
Other activities:	

**Some of the tutorials will be conducted in the laboratory.*

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	Tests, Assignments, Case Studies, Tutorial Quizzes	50%
Examination	Written exam	50% 2 hours

Remarks:. To pass the course, students are required to achieve at least 35% in course work and 35% in the examination.

Grading of Student Achievement:

Refer to Grading of Courses in the Academic Regulations for Taught Postgraduate Degrees.

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	The course provides students with opportunities to study advanced engineering subjects presented by visiting scholars with expertise in areas of selected topics.
4, 5	Students are required to complete assignments to gain experience in a design study, a programming exercise, a design simulation exercise, or an empirical studies in a commercial environment, in areas of slected topics.

Part III

Keyword Syllabus:

The syllabus will depend on the topic offered for this course, but the following arrangements must be adhered to:

1.1 The intended syllabus shall be available by the last week of previous semester to allow students to be informed of the topic.

Recommended Reading:

Essential Reading

To be provided.

Online Resources (if any)
Nil