

**City University of Hong Kong
Course Syllabus**

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

Part I Course Overview

Course Title:	Research Seminar I
Course Code:	EE8461
Course Duration:	One semester
Credit Units:	0.5
Level:	8
Proposed Area: <i>(for GE courses only)</i>	<input type="checkbox"/> Arts and Humanities <input type="checkbox"/> Study of Societies, Social and Business Organisations <input type="checkbox"/> Science and Technology
Medium of Instruction:	English
Medium of Assessment:	English
Prerequisites: <i>(Course Code and Title)</i>	Nil
Precursors: <i>(Course Code and Title)</i>	Nil
Equivalent Courses: <i>(Course Code and Title)</i>	Nil
Exclusive Courses: <i>(Course Code and Title)</i>	Nil

Part II Course Details

1. Abstract

This course aims to help students to develop general appreciations on different subject areas, research methodologies, and technical presentation skills through participation in research seminars conducted by faculties, visiting scholars, and research students.

2. Course Intended Learning Outcomes (CILOs)

No.	CILOs [#]	Weighting* (if applicable)	Discovery-enriched curriculum related learning outcomes (please tick where appropriate)		
			A1	A2	A3
1.	Outline current research trends in some subject areas as presented in the seminars.	50%	√		
2.	Describe the research problems and the solutions in some subject areas as presented in the seminars.	25%		√	
3.	Observe different technical and professional presentation skills.	25%	√		
		100%			

* If weighting is assigned to CILOs, they should add up to 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)

TLA	Brief Description	CILO No.						Hours/week (if applicable)
		1	2	3				
Research seminars	Regular attendance to departmental seminar with engagement in discussions.	√	√	√				1 hour/ week
Summary writing	Summary reports for selected seminars on technical content as well as presentation skills.	√	√					

4. Assessment Tasks/Activities (ATs)

Assessment Tasks/Activities	CILO No.						Weighting*	Remarks
	1	2	3					
Continuous Assessment: 100%								
Attendance in research seminars	√	√	√				50%	
Summary writing	√	√					50%	
Examination: _____% (duration: _____, if applicable)								
* The weightings should add up to 100%.							100%	

5. Assessment Rubrics

Assessment Task	Criterion	Pass (P)	Failure (F)
Attendance in research seminars	Regular attendance in departmental seminars and participation in discussions with speakers.	Satisfactorily attendance in the seminars.	Fail to attend the seminars.
Summary writing	Reports summarizing the contents of the seminars.	Satisfactorily report the selected seminars.	Fail to report the selected seminars.

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

1. Keyword Syllabus

Research seminars are organized by the department with speakers among faculties, visiting scholars, or research students. Specifically, the individual subject area is to be identified by the research student and the supervisor. It would belong to a list of areas, including but not limited to, Applied Electromagnetics; Bioinformatics and Bioengineering; Communications; Computer Systems; Dynamics and Control; Electronic Systems and Devices; Intelligent Systems; Multimedia Technology; Nanotechnology and Microsystems; Networking; Optoelectronics; Power and Energy; etc..

2. Reading List

2.1 Compulsory Readings

Nil

2.2 Additional Readings

Nil.