

**City University of Hong Kong  
Course Syllabus**

**offered by Department of Advanced Design and Systems Engineering  
with effect from Semester A 2022 / 23**

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**Part I Course Overview**

<b>Course Title:</b>	Comprehensive Studies
<b>Course Code:</b>	ADSE8001M
<b>Course Duration:</b>	normally 2 semesters (or 1 semester plus 1 summer term)
<b>Credit Units:</b>	2
<b>Level:</b>	R8
<b>Medium of Instruction:</b>	English
<b>Medium of Assessment:</b>	English
<b>Prerequisites:</b>	Nil
<b>Precursors:</b>	Nil
<b>Equivalent Courses:</b>	SEEM8001 Comprehensive Studies/ SEEM8001M Comprehensive Studies (offered until 2021/22) / ADSE8001 Comprehensive Studies
<b>Exclusive Courses:</b>	Nil

## Part II Course Details

### 1. Abstract

The aim of the course is to broaden and deepen the student's knowledge and understanding of a specified subject area or topic considered to be relevant to the MPhil/PhD student's area of research.

The course objectives are:

- to provide a framework for an MPhil/PhD postgraduate student to undertake and to a prescribed programme of studies of a specified subject area or topic;
- to develop and further a postgraduate student's knowledge and understanding of that subject area or topic which is regarded to be essential to his/her research;
- to cater for the student's coursework needs which cannot be met by available courses.

### 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.	<b>Identify and define</b> the issues of significance and scope of the given subject area or topic in explicit terms.	20%	✓		
2.	<b>Review and critique</b> the body of knowledge from literature of the given subject area or topic.	20%	✓		
3.	<b>Apply</b> such theory or knowledge to lay the foundation or formulate the research methodology for the main research undertaken.	30%	✓	✓	
4.	<b>Communicate</b> the results and achievements of this directed studies scholarly and logically, using written, oral and visual media.	30%	✓		
		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)

TLA	Brief Description	CILO No.				Hours/week (if applicable)
		1	2	3	4	
Independent studies	Student is expected to carry out independent research and literature studies on the given subject area or topic.	✓	✓	✓		39 hours/sem
Group Discussion	Some group discussion sections are provided as a peer-learning platform for students to share their learning experience and discuss their questions.	✓	✓		✓	
Supervised learning	Each student has regular meetings with their supervisor. In the meeting, the supervisor discusses with the student on his/her progress, issues and findings, and offer advice to him/her. Students are required to give a presentation in the end of the course to present their findings.	✓	✓	✓	✓	

### 4. Assessment Tasks/Activities (ATs)

Assessment Tasks/Activities	CILO No.				Weighting	Remarks
	1	2	3	4		
Continuous Assessment: <u>100</u> %						
Report and presentation	✓	✓	✓	✓	100%	
Examination: _____% (duration: _____, if applicable)						
					100%	

## 5. Assessment Rubrics

Applicable to students admitted in Semester A 2022/23 and thereafter

Assessment Task	Criterion	Pass (P)/ Fail (F)
1. Report and presentation	Understanding the research topic with analysis of literature review. Clear presentation and communication.	Pass/ Fail

The assessment method(s) shall be designed and proposed by the student's Supervisor and the Qualifying Panel.

The following assessment method(s) may be adopted:

- coursework and written examination; or
- coursework and oral presentation/examination; or
- combination of all of the above.

Pass or Fail

Applicable to students admitted before Semester A 2022/23

Assessment Task	Criterion	Pass (P)/ Fail (F)
1. Report and presentation	Understanding the research topic with analysis of literature review. Clear presentation and communication.	Pass/ Fail

The assessment method(s) shall be designed and proposed by the student's Supervisor and the Qualifying Panel.

The following assessment method(s) may be adopted:

- coursework and written examination; or
- coursework and oral presentation/examination; or
- combination of all of the above.

Pass or Fail

## **Part III Other Information**

### **1. Keyword Syllabus**

The specific syllabus or content requirement for this course is to be designed by the postgraduate students' supervisor(s). The assignments and directed readings will be mainly but not exclusively based on his/her area of research.

Typically, student will be expected under the guidance of supervisor, conduct in depth review of relevant literature; critique the existing body of knowledge and lay the necessary foundation for the proposed research; conduct preliminary data gathering and analysis or case studies; preparation and presentation of the report; and dissemination of the findings and application in the context concerned.

Supervisor is expected to provide a written outline of the content requirement and assessment methods when prescribing this course.

### **2. Reading List**

#### **2.1 Compulsory Readings**

*NIL*

#### **2.2 Additional Readings**

*NIL*