

# HONG KONG BAPTIST UNIVERSITY

## COURSE OUTLINE

### 1. COURSE TITLE

MSc Research I

### 2. COURSE CODE

COMP7960

### 3. NO. OF UNITS

3 Units

### 4. OFFERING DEPARTMENT

MSc in Information Technology Management

### 5. PREREQUISITES

COMP7950 IT Project Skills

### 6. MEDIUM OF INSTRUCTION

English

### 7. AIMS & OBJECTIVES

Students will learn how to carry out research under the supervision of academic staff. They will go through the initial phase of the research process: i) identifying research problems, ii) conducting literature reviews and critically analyzing existing solutions, and iii) obtaining initial results of potential impact.

### 8. COURSE CONTENT

I. Research Project

- Students can select specific topics in consultation with their project supervisors.

### 9. COURSE INTENDED LEARNING OUTCOMES (CILOs)

CILO	By the end of the course, students should be able to:
CILO 1	Have a thorough understanding on the selected research topic
CILO 2	Apply appropriate research methodologies for the selected research topic
CILO 3	Conduct a systematic literature review

CILO 4	Identify research problems and propose novel solutions to solve the problems
CILO 5	Produce research papers and effective oral presentations
CILO 6	Demonstrate organizational and time-management skills

#### 10. TEACHING & LEARNING ACTIVITIES (TLAs)

CILO alignment	Type of TLA
1-6	Students will work on their research projects independently under the supervision of our faculty members. Students are required to write progress reports and conduct meetings with their supervisors regularly. Each student will submit a research paper and give an oral presentation upon completion of the research project.

#### 11. ASSESSMENT METHODS (AMs)

Type of Assessment Methods	Weighting	CILOs to be addressed	Description of Assessment Tasks
Project Management and Progress	10 %	6	This category assesses the attitude of the students, the amount of effort the student has put into the project, self-discipline, and the general project management skills. The progress reports are assessed in this category. This category is assessed by the Supervisor only.
Methodologies and Results	60 %	1-4	This category assesses the quality and the amount of completed work. The following elements will be considered: understanding of the research problem, depth and completeness of literature review, research methodologies, novelty, originality, and technical contribution.
Paper Writing	20 %	5	This category assesses the quality of the final research paper, including the organization, English writing, references, etc.
Oral Presentation	10 %	5	This category includes oral presentation of the research work, and demonstration if applicable. Communication skills are emphasized.

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