

CS6521: RESEARCH/INTERNSHIP PROJECT

Effective Term

Semester A 2026/27

Part I Course Overview

Course Title

Research/Internship Project

Subject Code

CS - Computer Science

Course Number

6521

Academic Unit

Computer Science (CS)

College/School

College of Computing (CC)

Course Duration

Non-standard Duration

Other Course Duration

Two semesters (Students must complete full-time employment (approximately 40 hours/ week) between Semester A and Semester B, with a duration of 180-210 calendar days.)

Credit Units

0-6

Level

P5, P6 - Postgraduate Degree

Medium of Instruction

English

Medium of Assessment

English

Prerequisites

Students should have completed at least 24 credit units (including all required courses) for the MSEC programme or at least 21 credit units (including all required courses) for the MSCS programme

Precursors

Nil

Equivalent Courses

Nil

Exclusive Courses

CS6520 Project or CS6538 Research/Internship Project or EC6001 eCommerce Project

Part II Course Details

Abstract

The course aims to provide students with the opportunity to experience a real computer science-oriented working environment, either in Hong Kong or overseas; to relate concepts and principles learned from different subject areas to real-world practice; and to apply methods, tools, and techniques from computer science-related disciplines of the programme.

Apart from securing an external internship, students may take the course in the form of a faculty-supervised research project, subject to approval. In such cases, students should not initiate the project themselves. Instead, the project must be initiated by a faculty member, and the student's role is to assist the faculty member in completing the research project, similar to that of a research assistant.

Course Intended Learning Outcomes (CILOs)

CILOs		Weighting (if app.)	DEC-A1	DEC-A2	DEC-A3
1	Develop a range of communication skills for different audiences (e.g. peer, client, manager or employer). Appreciate the role and functioning of IT in a business organization through observation of its operations and discovering the practice and standards.	25	x		
2	Demonstrate and work competently in skill-oriented aspect of the programme.	17		x	
3	Demonstrate and work effectively, independently and professionally.	30		x	
4	Demonstrate, collaborate and function effectively with IT and non-IT personnel.	12		x	
5	Propose solution for problems through independent investigation.	16	x		

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 real-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.

Learning and Teaching Activities (LTAs)

LTAs	Brief Description		CILO No.	Hours/week (if applicable)
1	Professional Work Experience	Student will engage in actual internship work, supervision and feedback from workplace supervisor.	1, 2, 3, 4, 5	

Assessment Tasks / Activities (ATs)

	ATs	CILO No.	Weighting (%)	Remarks ("- for nil entry)	Allow Use of GenAI?
1	Employment Certificate and Feedback from Workplace Supervisor	1, 2, 3, 4, 5	100	Employment certificate serves as evidence that the student has completed full-time employment (approximately 40 hours/ week) between Semester A and Semester B, with a duration of 180–210 calendar days in a professional environment.	Yes

Continuous Assessment (%)

100

Assessment Rubrics (AR)**Assessment Task**

Employment certificate and feedback from workplace supervisor

Criterion

1. ABILITY to DEMONSTRATE completion of the required internship duration.
2. ABILITY to DEMONSTRATE professional conduct and performance in the workplace.
3. ABILITY to MEET internship objectives and learning outcomes.

Pass (P)

Satisfactorily attaining the specified criteria

Failure (F)

Not even reaching marginal levels

Part III Other Information

Keyword Syllabus

Nil

Reading List**Compulsory Readings**

	Title
1	Nil

Additional Readings

	Title
1	Nil