CA2506: INDUSTRIAL INTERNSHIP

Effective Term
Semester A 2024/25

Part I Course Overview

Course Title
Industrial Internship

Subject Code
CA - Civil and Architectural Engineering
Course Number
2506

Academic Unit
Architecture and Civil Engineering (CA)

College/School
College of Engineering (EG)

Course Duration
One Semester

Credit Units
3

Level
B1, B2, B3, B4 - Bachelor's Degree

Medium of Instruction
English

Medium of Assessment
English

Prerequisites
(1) All job specifications and requirements must be submitted to Co-operative Education Centre (CEC) for prior approval. (2) Pre-attachment Training

Precursors
Nil

Equivalent Courses
CA3504 Industrial Internship; CA3508 Industrial Internship

Exclusive Courses
FS4002 Industrial Attachment Scheme; CA2505 Industrial Training-Civil Engineering; CA2507 Industrial Training-Architectural Engineering

Part II Course Details

Abstract

This course aims to provide students with the opportunity to:

1) integrate and apply the knowledge acquired on campus in real life settings,

2) appreciate work ethics and professionalism at work,

3) practise team work, group behavior in organization settings, and

4) understand the architectural, engineering and construction professions. It is conducted at the host company/institution whereby students are jointly supervised by the host mentor and the CityU supervisor.

Course Intended Learning Outcomes (CILOs)

	CILOs	Weighting (if app.)	DEC-A1	DEC-A2	DEC-A3
1	Identify the importance of the practice of the professional disciplines within the built environment	25	x		
2	Develop a learning portfolio for future applications under various working environments	25			x
3	Identify the techniques of applying the basic professional knowledge to the construction processes through self-discovery and interaction with workmates	25		x	
4	Plan a career in the respective discipline	25			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	Briefing sessions	Students will engage in the briefing sessions to gain the knowledge about respective professional disciplines	1	
2	Pre-attachment training	Lectures on interview skills, workplace survival, etc.	1	

3	Internship practicing	Relate course contents to real life building and construction projects. Discover the theory and practise in building and construction projects through hands on experience. Explore the characterizing features of the respective disciplines.	2, 3, 4	

Assessment Tasks / Activities (ATs)

	ATs	CILO No.	Weighting (%)	Remarks (e.g. Parameter for GenAI use)
1	Plan the internship training areas	1, 2, 3, 4	25	
2	Keep log book	1, 2, 3, 4	25	
3	Review the experiences between student and mentor	1, 2, 3, 4	25	
4	Presentation summarizes the learning in fulfilment of the intended outcomes during the internship	1, 2, 3, 4	25	

Continuous Assessment (%)

100

Examination (%)

0

Assessment Rubrics (AR)

Assessment Task

Plan the internship training areas

Criterion

Clear descriptions about the engineering tasks in the training

Pass (P)

Basic or above

Failure (F)

Not even reaching marginal level

Assessment Task

Keep log book

Criterion

Clear descriptions about the engineering tasks in the training

Pass (P)

Basic or above

Failure (F)
Not even reaching marginal level

Assessment Task
Review the experiences between student and mentor

Criterion
Clear descriptions about the engineering tasks in the training

Pass (P)
Basic or above

Failure (F)
Not even reaching marginal level

Assessment Task
Presentation summarizes the learning in fulfilment of the intended outcomes during the internship

Criterion
Clear descriptions about the engineering tasks and experiences in the training

Pass (P)
Basic or above

Failure (F)
Not even reaching marginal level

Part III Other Information

Keyword Syllabus
Industrial internship on various disciplines (e.g., civil engineering and architectural engineering)

Reading List

Compulsory Readings

	Title
1	Nil

Additional Readings

	Title
1	Nil