CA3508: INDUSTRIAL INTERNSHIP

Effective Term
Semester A 2022/23

Part I Course Overview

Course Title
Industrial Internship

Subject Code
CA - Civil and Architectural Engineering
Course Number
3508

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
Other Languages

Other Languages for Medium of Instruction
Depending on host and host country: Chinese and English if host is in HK, Taiwan and Mainland; English if host is English speaking or in non-Chinese speaking countries.

Medium of Assessment
English

Prerequisites
Nil

Precursors
Precursors including all the courses below: CA2123 Engineering Methods; CA2126 Measurement of Building Works; CA2213 Development Economics; CA2311 Construction Contracts I; CA2674 Construction Materials; CA2744 Building Technology (ASII students are exempted from this Precursor requirement.)

Students must have attempted (including class attendance, coursework submission, and examination) the precursor course(s) so identified.

Equivalent Courses
CA2506 Industrial Internship; CA3504 Industrial Internship

Exclusive Courses

FS4002 Industrial Attachment Scheme

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 surveying 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	Recognize the practice of the professional disciplines within the built environment	25	x		
2	Develop a learning portfolio for future applications	25			x
3	Apply the basic professional knowledge to the surveying/construction processes through self-discovery	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.

Teaching and Learning Activities (TLAs)

	TLAs	Brief Description	CILO No.	Hours/week (if applicable)
1	Introduction and briefing sessions	Introduction and briefing sessions in respective professional disciplines	1	
2	Pre-attachment training	Lectures on interview skills, workplace survival, etc.	1	

3	Internship practicing	1. Relate course contents to real life building and construction projects. 2. Discover the theory and practise in surveying through hands on experience. 3. 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

Ability to communicate with the mentor in the design of the training plan

Failure (F)

Not even reaching acceptable levels

Assessment Task

Keep log book

Criterion

Ability to keep a comprehensive record on the important tasks

Failure (F)

Not even reaching acceptable levels

Assessment Task
Review the experiences between student and mentor

Criterion
Ability to collaborate with the mentor

Failure (F)
Not even reaching acceptable levels

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

Criterion
Ability to summarize and present the learning outcomes

Failure (F)
Not even reaching acceptable levels

Part III Other Information

Keyword Syllabus
Industrial internship on surveying/construction disciplines.

Reading List

Compulsory Readings

	Title
1	Nil

Additional Readings

	Title
1	Nil