

CA3504: 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

3504

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

(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

CA2506 Industrial Internship; CA3508 Industrial Internship

Exclusive Courses

FS4002 Industrial Attachment Scheme; CA2501 Industrial Training-Building Services Engineering; CA2502 Industrial Training-Construction Engineering and Management; CA2503 Industrial Training-Civil and Structural 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 DEC-A1 DEC-A2 DEC-A3 app.)			
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 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 project. 2. Discover the theory and practise in building and construction projects through hands on experience. 3. Explore the characterizing features of the respective disciplines.	2, 3, 4	
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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 various disciplines (e.g BSE, CEM, CVSE)

Reading List

Compulsory Readings

Title	
1	Nil

Additional Readings

Title	
1	Nil