

MNE3123: INTERNSHIP IN ENGINEERING

Effective Term

Semester B 2022/23

Part I Course Overview

Course Title

Internship in Engineering

Subject Code

MNE - Mechanical Engineering

Course Number

3123

Academic Unit

Mechanical Engineering (MNE)

College/School

College of Engineering (EG)

Course Duration

Non-standard Duration

Other Course Duration

Minimum 6 weeks

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 & 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

Nil

Equivalent Courses

Nil

Exclusive Courses

Nil

Part II Course Details**Abstract**

This course aims to provide the students with the opportunity to: integrate the knowledge they acquired in classroom and apply it in real work setting; appreciate work ethics and professionalism in real work environment; appreciate team work, group/ organizational behaviour in a work environment; develop an understanding of the operation of industry, based on which students can further plan his career; communicate clearly with other engineers that they are likely to deal within the course of your professional engineering activities; explore career opportunities and fieldwork experience related to their major field of study.

All the interns will be supervised by the company mentors and, the CityU faculties will provide support if necessary.

Course Intended Learning Outcomes (CILOs)

CILOs		Weighting (if DEC-A1 app.)		
		DEC-A1	DEC-A2	DEC-A3
1	Describe the setting of the workplace and the operations of the workplace.		x	
2	Recognize and practise the roles of professionals in the workplace.		x	
3	Apply the knowledge acquired from the classroom in the workplace.			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	Carrying out company duties with great dignity as an engineering professional	1, 2, 3	throughout the training period
2	Keeping a training logbook	1, 2	throughout the training period
3	Writing a final report	1, 2, 3	throughout the training period

Assessment Tasks / Activities (ATs)

ATs	CILO No.	Weighting (%)	Remarks (e.g. Parameter for GenAI use)
1	Log book and final report	1, 2, 3	100

Continuous Assessment (%)

100

Examination (%)

0

Additional Information for ATs

This course is assessed on a Pass/Fail basis.

Assessment Rubrics (AR)**Assessment Task**

Log book

Criterion

Ability/accountability to record precisely

- (a) the accomplished tasks and output if any,
- (b) the student' s observation and analysis and,
- (c) the knowledge/skills acquired by the students during the period.

Pass (P)

Have reached the acceptable criterion

Failure (F)

Not reaching the criterion

Assessment Task

Final report

Criterion

Ability to well-organize the content materials and present clearly and precisely

- (a) the objectives or purposes of your assignments,
- (b) identification and description of any problem in the workplace,
- (c) description of your experience as an engineering professional.

Pass (P)

Have reached the acceptable criterion

Failure (F)

Not reaching the criterion

Additional Information for AR

Note: This course is assessed on a Pass/Fail basis.

Part III Other Information

Keyword Syllabus

Nil

Reading List

Compulsory Readings

Title	
1	Nil

Additional Readings

Title	
1	Nil