

BME3200: INTERNSHIP IN BIOMEDICAL ENGINEERING

Effective Term

Semester A 2025/26

Part I Course Overview

Course Title

Internship in Biomedical Engineering

Subject Code

BME - Biomedical Engineering

Course Number

3200

Academic Unit

Biomedical Engineering (BME)

College/School

College of Biomedicine (BD)

Course Duration

Non-standard Duration

Other Course Duration

Minimum 8 weeks

Credit Units

3

Level

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

Medium of Instruction

Other Languages

Other Languages for Medium of Instruction

English and other languages as appropriate to the internship setting

Medium of Assessment

English

Prerequisites

Nil

Precursors

Nil

Equivalent Courses

Nil

Exclusive Courses

Nil

Additional Information

Students can only register for one internship-related course for internship(s) at the same working venue.

Part II Course Details**Abstract**

This course aims to offer internship experience for CityU BME undergraduates:

- 1) to integrate the knowledge acquired in biomedical engineering-related courses they have previously taken,
- 2) to apply such knowledge in the real work setting, and
- 3) to summarize their internship experience. We expect students to appreciate work ethics and professionalism in real work environment, appreciate team work and group/organizational behaviour in a work environment, develop understanding of the operation of the industry chosen by the students, communicate clearly with biomedical concepts with both technical and layman terms, and explore career opportunities related to biomedical engineering. All the interns will be supervised by the internship mentors and CityU BME faculty 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	Identify and explain the roles of professionals in the workplace.		x	
3	Apply the knowledge acquired from BME courses 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.

Learning and Teaching Activities (LTAs)

	LTAs	Brief Description	CILO No.	Hours/week (if applicable)
1	Internship	Students will carry out duties with great dignity as an engineering professional.	2, 3	Throughout the training period

2	Logbook	Students will discuss with their supervisors the concepts with what they have been learning throughout the internship period by keeping the training log.	1, 2, 3	Throughout the training period
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Assessment Tasks / Activities (ATs)

	ATs	CILO No.	Weighting (%)	Remarks ("- " for nil entry)	Allow Use of GenAI?
1	Assessment of Logbook	1, 2, 3	50	-	No
2	Final Presentation	1, 2, 3	50	A presentation that summarizes the learning during the industrial training.	No

Continuous Assessment (%)

100

Examination (%)

0

Examination Duration (Hours)

0

Assessment Rubrics (AR)**Assessment Task**

1. Logbook

Criterion

Ability to record precisely (a) the accomplished tasks and outputs, if any, (b) the student' s observations and analysis and, (c) the knowledge/skills acquired by the student during the period.

Pass (P)

Have reached the acceptable criterion

Failure (F)

Not reaching the criterion

Assessment Task

2. Final Presentation

Criterion

Ability to well-organize the content materials and communicate with the audience confidently through the presentation in an effective manner, supported with good eye contact, vocal expression, poise, appropriate pace and time management and to answer the questions asked as thoroughly and precisely as one can.

Pass (P)

Have reached the acceptable criterion

Failure (F)

Not reaching the criterion

Part III Other Information

Keyword Syllabus

Nil

Reading List

Compulsory Readings

Title	
1	Nil

Additional Readings

Title	
1	Nil