

EE6690: INTERNSHIP SCHEME IN ELECTRICAL INDUSTRY

Effective Term

Semester A 2026/27

Part I Course Overview

Course Title

Internship Scheme in Electrical Industry

Subject Code

EE - Electrical Engineering

Course Number

6690

Academic Unit

Electrical Engineering (EE)

College/School

College of Engineering (EG)

Course Duration

Non-standard Duration

Other Course Duration

9 - 13 Weeks

Credit Units

3

Level

P5, P6 - Postgraduate Degree

Medium of Instruction

English

Medium of Assessment

English

Prerequisites

12 Credit Units of MSc elective courses; or equivalent

Precursors

Nil

Equivalent Courses

Nil

Exclusive Courses

EE6691 Applied Research Internship Scheme in Electrical Engineering

Part II Course Details

Abstract

The aim of the internship is to provide students with an opportunity to integrate and apply what has been learnt in the taught postgraduate courses in the operation of the electronic industry and to develop their initiative, interests, and individual thinking via discovery learning.

Course Intended Learning Outcomes (CILOs)

CILOs		Weighting (if app.)	DEC-A1	DEC-A2	DEC-A3
1	Organize and manage a substantial individual industrial project in Design, Applied Research, or Development, demonstrating effective project management skills.		x	x	x
2	Work independently with professionalism, successfully completing project assignments while adhering to industry standards and practices.		x	x	x
3	Exhibit initiative, innovation, and intellectual abilities in addressing and solving technically challenging projects/assignments, showcasing creative problem-solving skills.		x	x	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	Daily interaction and communication with staff in the designated establishment	Students engage in daily interactions and communications with company mentors to work on industrial projects and assist in the day-to-day operations of the company, gaining practical experience and industry insights.	1, 3	

2	Keeping a training log	Students maintain a reflective training log to document their work on industrial projects and daily company operations, recording their learning experiences, challenges, and personal growth throughout the internship.	1, 2	
3	Students present and discuss their work experiences with supervisors on interim visits	CityU supervisors conduct regular visits and discussions with students and company mentors to review internship progress, provide guidance, and ensure alignment with learning goals, facilitating continuous improvement and support.	1, 2, 3	
4	Giving a presentation that summarizes the learning during the industrial training	Students present their project progress and learning experiences through oral presentations, fostering discussions and idea exchange with supervisors and peers.	1, 2, 3	

Additional Information for LTAs

A supervisor to the internship will be assigned to each student. The supervisor(s) is/are responsible for guiding and overseeing the student on an individual basis. Discovery Learning Experience (DLE) is an element to this course - with tasks assigned, and supported with regular meetings with students to assess their progress; students are feed-backed on their quality of tasks to the internship for progression

Assessment Tasks / Activities (ATs)

ATs		CILO No.	Weighting (%)	Remarks ("- for nil entry)	Allow Use of GenAI?
1	Assessment of log book, discussions/visits to obtain feedback from training company and final presentation	1, 2, 3	100	-	Yes

Continuous Assessment (%)

100

Assessment Rubrics (AR)

Assessment Task

Coursework (for students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

Criterion

Achievements in CILOs

Excellent

(A+, A, A-) High

Good

(B+, B, B-) Significant

Fair

(C+, C, C-) Moderate

Marginal

(D) Basic

Failure

(F) Not even reaching marginal level

Assessment Task

Coursework (for students admitted from Semester A 2022/23 to Summer Term 2024)

Criterion

Achievements in CILOs

Excellent

(A+, A, A-) High

Good

(B+, B) Medium

Marginal

(B-, C+, C) Low

Failure

(F) Not even reaching marginal level

Additional Information for AR**Constructive Alignment with Programme Outcomes**

PILO 1, 2, 3, 4, 5 The course provides students with ample opportunities in acquiring knowledge of new technologies in the chosen areas of an industrial project in Design, Applied Research, or Development.

PILO 6, 7 Students are required to complete a log book, and demonstrate their works in a final presentation at the end of the internship period. Students will also acquire some project management skills and develop sense of financial and industrial viability for the project

Part III Other Information

Keyword Syllabus

Nil

Reading List

Compulsory Readings

Title	
1	Nil

Additional Readings

Title	
1	Nil