



Course Descriptor
[ENGR406 Industrial Internship I] – One semester work-term Placement in Relevant Engineering Industry or Research Laboratory

Proposed Academic Year	2021/2022	Last Reviewed Academic Year	2020-2021
Course Code	ENGR406	Course Title	Industrial Internship I
Credit hours	0	Level of study	Undergraduate
College / Centre	College of Engineering	Department	All
Co-requisites	None	Pre-requisites	Accumulated 85 credit hours

1. COURSE OUTLINE

First semester of two semesters Industrial Internship course. The College of Engineering internship course provides students with the opportunity to obtain experience in a typical work environment. Students will gain exposure to various aspects of general engineering practices along with valuable industry experiences. This process will allow the student to complement the theoretical knowledge with application of learned principles in a professional work environment. The Internship course is also intended to enhance the students' skills, competences, and employment prospects.

2. AIMS

The purpose of an internship or experiential learning experience is to enable COE's students to gain valuable work experience within the engineering environment. This experience is designed to complement studies undertaken in the University and to enhance the overall engineering education of the student. Experiential learning is an educational plan that integrates classroom study with practical work experience. It is intended to contribute meaningfully to student's over-all preparation by providing an opportunity for the practical application of skills and concepts learned in classes. An internship is much more than a job; it is also a course which offers students an individualized educational experience through the study of a structured employment situation.

3. LEARNING OUTCOMES, TEACHING, LEARNING and ASSESSMENT METHODS

Learning Outcomes (Definitive)	Teaching and Learning methods (Indicative)	Assessment (Indicative)
Upon successful completion of this course, students will be able to:		
1. Have practical experience within a real world engineering environment	Work –based supervised training	1- Progress reports 2- Final report
2. Demonstrate understanding of various engineering and management tasks	Work –based supervised training	3- Presentation/ viva voce
3. Analyze and propose solutions to engineering problems		Work- based assessment
4. Apply the knowledge and skills gained at university to the work place.		

4. ASSESSMENT WEIGHTING



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Assessment	Percentage of final mark (%)
1. Progress report consists of the following a) Tasks description b) Daily activities 2. Final report consists of the following a) Company description (500 words) b) Job description (500 words) c) Final assessment (reflective report – 1500 words)	50%
3. Presentation/ via voce	25%
4. Company – work-based evaluation	25%
TOTAL	100%

5. ACHIEVING A PASS

Students will achieve 0 credit hours for this course by passing a **minimum overall score of 50%**. No letter grades in the internship are allotted. The learning outcomes are assessed as Pass or fail.

NB *Ensure that ALL learning outcomes are taken into account

6. COURSE CONTENT (Indicative)

WEEK	LECTURE TOPIC	TIME (HOURS)
1	This is one semester paid internship course. These are no lectures. The student will be provided with on the job training and will be assigned a mentor by the internship company who will be monitoring and assessing his / her performance.	
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6. COURSE CONTENT (Indicative)		
WEEK	LECTURE TOPIC	TIME (HOURS)
12		
13		
14		
15		
	TOTAL HOURS	600
1 - 15	Plus RECOMMENDED INDEPENDENT STUDY HOURS	
	TOTAL COURSE HOURS	600

7. RECOMMENDED READING

Core text/s:

The students will be inducted by the internship company and they will follow the company, recommended manuals and work regulations.

Some useful literature:

Library + online resources:

As per the internship company's recommendation, instructions and requirements.