



**Course Descriptor**  
[ENGR322 Internship 2 month work-term Placement in Relevant Engineering Industry or Research Laboratory]

<b>Proposed Academic Year</b>	2019-2020	<b>Last Reviewed Academic Year</b>	2020-2021
<b>Course Code</b>	ENGR322	<b>Course Title</b>	Internship 2 month work-term Placement in Relevant Engineering Industry or Research Laboratory
<b>Credit hours</b>	0	<b>Level of study</b>	Undergraduate
<b>College / Centre</b>	College of Engineering	<b>Department</b>	Civil & Environmental Engineering
<b>Co-requisites</b>		<b>Pre-requisites</b>	Accumulated 105 credit hours

**1. COURSE OUTLINE**

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 practice along with valuable industry experience. 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**

<b>Learning Outcomes (Definitive)</b>	<b>Teaching and Learning methods (Indicative)</b>	<b>Assessment (Indicative)</b>
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- Final report
2. Demonstrate understanding of various engineering and management tasks	Work –based supervised training	2- 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.		



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**4. ASSESSMENT WEIGHTING**

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

**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 an 8 weeks 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.	
2		
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6. COURSE CONTENT (Indicative)		
WEEK	LECTURE TOPIC	TIME (HOURS)
12		
13		
14		
15		
	<b>TOTAL HOURS</b>	<b>320</b>
1 - 15	Plus <b>RECOMMENDED INDEPENDENT STUDY HOURS</b>	
	<b>TOTAL COURSE HOURS</b>	<b>320</b>

**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.