

Subject Description Form

Subject Code	CSE493
Subject Title	Final Year Project for Environmental and Occupational Safety & Health
Credit Value	6
Level	4
Pre-requisite / Co-requisite/ Exclusion	Pre-requisite: All level 2 and 3 CSE subjects in the curriculum
Objectives	This subject aims to enable students to perform independent study on experimental, theoretical or field issue(s) in environmental and occupational safety & health areas.
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> a. identify environmental and occupational safety and health (EOSH) problems and to develop/implement appropriate remedial strategies and preventive measures; b. critically analyze the EOSH risks, processes and outcomes involved in the development of EOSH strategies; c. develop and apply good EOSH practices and technologies based on sound scientific principles and legislative requirements; d. design and conduct modern experimental studies and relate their bearing on theoretical concepts; e. communicate logically and lucidly.
Subject Synopsis/ Indicative Syllabus	Broadly, there are two main components, a critical assessment of appropriate literature and the completion of some experimental, theoretical or field work of an original nature. Literature reviews, in the absence of any significant design, laboratory, analysis, programming or fieldwork is not encouraged.
Teaching/Learning Methodology	<p>A list of project titles and synopses will be proposed by relevant staff members for 31470 programme students. Students are strongly encouraged to propose topics of their own which should normally relate to their study. Subject to acceptance of the academic credential of such proposals, and the availability of a suitable staff supervisor, the Department would then sanction such projects. Students are encouraged to discuss these proposals with the staff members concerned and to identify their preferences. The project allocation exercise is completed prior to the commencement of the academic year.</p> <p>Each student is supervised by an academic staff / a practitioner. The supervision requires regular discussion of the student's work and guidance and advice throughout the year. Although such guidance is available to the student, it is stressed that the ultimate responsibility for the direction and contents of the project lies with the student.</p>

Assessment Methods in Alignment with Intended Learning Outcomes	Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed				
			a	b	c	d	e
	1. Project Report	89	✓	✓	✓	✓	✓
	2. Oral Presentation	11	✓	✓	✓	✓	✓
	Total	100					
	<p>Responsibility for the assessment of the project rests with the supervisor and as appropriate moderator drawn from academic staff members. The components of the assessment include organizational and execution aspects, technical content, report presentation and a verbal presentation before the supervisor and moderator with respect to intended subject learning outcomes.</p> <p>The Final Year Project is weighted at 6 credits. In view of the importance of this assessment, any project recording “A or A+” or “F” classification will be further reviewed by other senior academic staff of the Department. This procedure will enable confirmation or adjustment of the recorded assessment.</p>						
Student Study Effort Expected	Class contact:		Average hours per week				
	<ul style="list-style-type: none"> Laboratory and /or other related works 		4.5 Hrs.				
	Other student study effort:						
	<ul style="list-style-type: none"> Literature review, data analysis and report writing 		4.5 Hrs.				
	<p>Total student study effort (It is expected that each student will spend about 9 hours per week on the project. The normal duration of the project of the project will cover two consecutive semesters in the second academic year for 31470 programme.)</p>		9 Hrs.				
Reading List and References	Relevant reading and/or references as suggested by individual supervisors.						