

Subject Description Form

Subject Code	IC301
Subject Title	Industrial Safety I
Credit Value	1 Academic Credit
Level	3
Co-requisite	IC354 or TM2005
Objectives	To provide health and safety training to students in the Faculty of FCE with emphasis being placed upon safety awareness, accident prevention and the safety issues associated with construction industry.
Intended Learning Outcomes	<p>Upon completion of this subject, students will be able to:</p> <ol style="list-style-type: none"> a. Describe the legal requirements/codes of practice relating to construction safety (<i>Syllabus Item 1</i>); b. Describe the common types of work-related accidents and identify potential Occupational Safety and Health hazards at construction sites, and recommend associated preventive measures including the use of personal protective equipment (<i>Syllabus Items 2 and 3</i>); c. Describe the importance of, and procedures for, reporting accidents and dangerous occurrences (<i>Syllabus Item 3</i>); and d. Outline the safety management principles applicable to the construction industry (<i>Syllabus Item 4</i>).
Subject Synopsis/ Indicative Syllabus	<ol style="list-style-type: none"> 1. Overview: Introduction to construction safety; Government's policy in industrial safety; safety & health legislation in Hong Kong. 2. Construction Safety: Construction Sites (Safety) Regulations; codes of practice; potential hazards/risks associated with construction sites and high risk activities such as working in confined space. 3. Safety Technology: Machinery safety and guarding; workplace ergonomics including display screen equipment and manual handling; personal protective equipment; first aid and emergency preparedness; reporting accidents and dangerous occurrences; fire safety, electrical hazards. 4. Safety Management: Safety training; safety policy; safety committees; safety inspection; safety audit.
Learning Methodology	Lectures, supported by illustration, demonstration and student-teacher interaction.

Assessment Methods in Alignment with Intended Learning Outcomes	Specific assessment methods/tasks	% Weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)			
			a	b	c	d
	1. Coursework	70%	√	√	√	
	2. Test	30%	√	√	√	√
	Total	100%				
Student Study Effort Required	Class contact:					
	▪ Lecture and Test					8 Hrs.
	▪ Tutorial					14 Hrs.
	Other student study effort:					
	▪ Coursework					3 Hrs.
	Total student study effort					25 Hrs.
Reading List and References	Course material at:					
	http://158.132.155.107/e-learning/OES/OES.htm					