

Subject Description Form

Subject Code	IC358
Subject Title	Industrial Safety I
Credit Value	1 Academic Credit
Level	3
Pre-requisite / Co-requisite / Exclusion	Nil
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	<table border="1" data-bbox="480 376 1455 752"> <thead> <tr> <th data-bbox="480 376 794 544" rowspan="2">Specific assessment methods/tasks</th> <th data-bbox="794 376 949 544" rowspan="2">% Weighting</th> <th colspan="4" data-bbox="949 376 1455 477">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th data-bbox="949 477 1077 544">a</th> <th data-bbox="1077 477 1204 544">b</th> <th data-bbox="1204 477 1332 544">c</th> <th data-bbox="1332 477 1455 544">d</th> </tr> </thead> <tbody> <tr> <td data-bbox="480 544 794 611">1. Coursework</td> <td data-bbox="794 544 949 611">70%</td> <td data-bbox="949 544 1077 611">√</td> <td data-bbox="1077 544 1204 611">√</td> <td data-bbox="1204 544 1332 611">√</td> <td data-bbox="1332 544 1455 611"></td> </tr> <tr> <td data-bbox="480 611 794 678">2. Test</td> <td data-bbox="794 611 949 678">30%</td> <td data-bbox="949 611 1077 678">√</td> <td data-bbox="1077 611 1204 678">√</td> <td data-bbox="1204 611 1332 678">√</td> <td data-bbox="1332 611 1455 678">√</td> </tr> <tr> <td data-bbox="480 678 794 752">Total</td> <td data-bbox="794 678 949 752">100%</td> <td colspan="4" data-bbox="949 678 1455 752"></td> </tr> </tbody> </table>						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%				
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Student Study Effort Required	<p data-bbox="467 833 1468 891">Class contact:</p> <table border="1" data-bbox="467 891 1468 1032"> <tr> <td data-bbox="467 891 1147 965">▪ Lecture and Test</td> <td data-bbox="1147 891 1468 965">8 Hrs.</td> </tr> <tr> <td data-bbox="467 965 1147 1032">▪ Tutorial</td> <td data-bbox="1147 965 1468 1032">14 Hrs.</td> </tr> </table> <p data-bbox="467 1032 1468 1090">Other student study effort:</p> <table border="1" data-bbox="467 1090 1468 1167"> <tr> <td data-bbox="467 1090 1147 1167">▪ Coursework</td> <td data-bbox="1147 1090 1468 1167">3 Hrs.</td> </tr> </table> <p data-bbox="467 1167 1468 1234">Total student study effort 25 Hrs.</p>						▪ Lecture and Test	8 Hrs.	▪ Tutorial	14 Hrs.	▪ Coursework	3 Hrs.																						
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Reading List and References	<p data-bbox="467 1243 1468 1301">Course material at:</p> <p data-bbox="467 1301 1468 1404">http://158.132.155.107/e-learning/OES/OES.htm</p>																																	