

## Subject Description Form

<b>Subject Code</b>	IC358
<b>Subject Title</b>	Industrial Safety I
<b>Credit Value</b>	1 Academic Credit
<b>Level</b>	3
<b>Pre-requisite / Co-requisite / Exclusion</b>	Nil
<b>Objectives</b>	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.
<b>Intended Learning Outcomes</b>	<p>Upon completion of this subject, students will be able to:</p> <ol style="list-style-type: none"> <li>a. Describe the legal requirements/codes of practice relating to construction safety (<i>Syllabus Item 1</i>).</li> <li>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>).</li> <li>c. Describe the importance of, and procedures for, reporting accidents and dangerous occurrences (<i>Syllabus Item 3</i>); and</li> <li>d. Outline the safety management principles applicable to the construction industry (<i>Syllabus Item 4</i>).</li> </ol>
<b>Subject Synopsis/ Indicative Syllabus</b>	<ol style="list-style-type: none"> <li>1. <b>Overview:</b> Introduction to construction safety; Government's policy in industrial safety; safety &amp; health legislation in Hong Kong.</li> <li>2. <b>Construction Safety:</b> Construction Sites (Safety) Regulations; codes of practice; potential hazards/risks associated with construction sites and high risk activities such as working in confined space.</li> <li>3. <b>Safety Technology:</b> 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.</li> <li>4. <b>Safety Management:</b> Safety training; safety policy; safety committees; safety inspection; safety audit.</li> </ol>

<b>Learning Methodology</b>	Lectures, supported by illustration, demonstration and student-teacher interaction.																																	
<b>Assessment Methods in Alignment with Intended Learning Outcomes</b>	<table border="1" data-bbox="477 371 1458 748"> <thead> <tr> <th data-bbox="477 371 794 539" rowspan="2">Specific assessment methods/tasks</th> <th data-bbox="794 371 949 539" rowspan="2">% Weighting</th> <th colspan="4" data-bbox="949 371 1458 472">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th data-bbox="949 472 1077 539">a</th> <th data-bbox="1077 472 1204 539">b</th> <th data-bbox="1204 472 1332 539">c</th> <th data-bbox="1332 472 1458 539">d</th> </tr> </thead> <tbody> <tr> <td data-bbox="477 539 794 607">1. Coursework</td> <td data-bbox="794 539 949 607">70%</td> <td data-bbox="949 539 1077 607">√</td> <td data-bbox="1077 539 1204 607">√</td> <td data-bbox="1204 539 1332 607">√</td> <td data-bbox="1332 539 1458 607"></td> </tr> <tr> <td data-bbox="477 607 794 674">2. Test</td> <td data-bbox="794 607 949 674">30%</td> <td data-bbox="949 607 1077 674">√</td> <td data-bbox="1077 607 1204 674">√</td> <td data-bbox="1204 607 1332 674">√</td> <td data-bbox="1332 607 1458 674">√</td> </tr> <tr> <td data-bbox="477 674 794 748">Total</td> <td data-bbox="794 674 949 748">100%</td> <td colspan="4" data-bbox="949 674 1458 748"></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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<b>Student Study Effort Required</b>	<p data-bbox="477 846 646 875">Class contact:</p> <table border="1" data-bbox="477 891 1458 1032"> <tbody> <tr> <td data-bbox="477 891 1147 965">▪ Lecture and Test</td> <td data-bbox="1147 891 1458 965">8 Hrs.</td> </tr> <tr> <td data-bbox="477 965 1147 1032">▪ Tutorial</td> <td data-bbox="1147 965 1458 1032">14 Hrs.</td> </tr> </tbody> </table> <p data-bbox="477 1048 794 1077">Other student study effort:</p> <table border="1" data-bbox="477 1093 1458 1160"> <tbody> <tr> <td data-bbox="477 1093 1147 1160">▪ Coursework</td> <td data-bbox="1147 1093 1458 1160">3 Hrs.</td> </tr> </tbody> </table> <p data-bbox="477 1176 783 1205">Total student study effort</p> <table border="1" data-bbox="477 1176 1458 1227"> <tbody> <tr> <td data-bbox="477 1176 1147 1227"></td> <td data-bbox="1147 1176 1458 1227">25 Hrs.</td> </tr> </tbody> </table>						▪ Lecture and Test	8 Hrs.	▪ Tutorial	14 Hrs.	▪ Coursework	3 Hrs.		25 Hrs.																				
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<b>Reading List and References</b>	<p data-bbox="477 1272 703 1301">Course material at:</p> <p data-bbox="477 1308 1046 1337"><a href="http://158.132.155.107/e-learning/OES/OES.htm">http://158.132.155.107/e-learning/OES/OES.htm</a></p>																																	