

## Subject Description Form

<b>Subject Code</b>	IC301
<b>Subject Title</b>	Industrial Safety I
<b>Credit Value</b>	1 Academic Credit
<b>Level</b>	3
<b>Co-requisite</b>	IC354 or TM2005
<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"> <thead> <tr> <th rowspan="2">Assessment Methods</th> <th rowspan="2">Weighting (%)</th> <th colspan="4">Intended Learning Outcomes Assessed</th> </tr> <tr> <th>a</th> <th>b</th> <th>c</th> <th>d</th> </tr> </thead> <tbody> <tr> <td>1. Coursework</td> <td>70%</td> <td>✓</td> <td>✓</td> <td>✓</td> <td></td> </tr> <tr> <td>2. Test</td> <td>30%</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>Total</td> <td>100%</td> <td colspan="4"></td> </tr> </tbody> </table>						Assessment Methods	Weighting (%)	Intended Learning Outcomes Assessed				a	b	c	d	1. Coursework	70%	✓	✓	✓		2. Test	30%	✓	✓	✓	✓	Total	100%				
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<b>Reading List and References</b>	<p>Course material at:  <a href="http://158.132.155.107/e-learning/OES/OES.htm">http://158.132.155.107/e-learning/OES/OES.htm</a></p>																																	