

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"> <thead> <tr> <th data-bbox="483 347 818 515" rowspan="2">Assessment Methods</th> <th data-bbox="826 347 989 515" rowspan="2">Weighting (%)</th> <th colspan="4" data-bbox="997 347 1460 436">Intended Learning Outcomes Assessed</th> </tr> <tr> <th data-bbox="997 448 1109 515">a</th> <th data-bbox="1109 448 1228 515">b</th> <th data-bbox="1228 448 1348 515">c</th> <th data-bbox="1348 448 1460 515">d</th> </tr> </thead> <tbody> <tr> <td data-bbox="483 526 818 582">1. Coursework</td> <td data-bbox="826 526 989 582">70</td> <td data-bbox="997 526 1109 582">✓</td> <td data-bbox="1109 526 1228 582">✓</td> <td data-bbox="1228 526 1348 582">✓</td> <td data-bbox="1348 526 1460 582"></td> </tr> <tr> <td data-bbox="483 593 818 649">2. Test</td> <td data-bbox="826 593 989 649">30</td> <td data-bbox="997 593 1109 649">✓</td> <td data-bbox="1109 593 1228 649">✓</td> <td data-bbox="1228 593 1348 649">✓</td> <td data-bbox="1348 593 1460 649">✓</td> </tr> <tr> <td data-bbox="483 660 818 716">Total</td> <td data-bbox="826 660 989 716">100</td> <td colspan="4" data-bbox="997 660 1460 716"></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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Reading List and References	<p>Course material at:</p> <p>http://158.132.155.107/e-learning/OES/OES.htm</p>																																									