

## Subject Description Form

<b>Subject Code</b>	BRE258
<b>Subject Title</b>	Industrial Safety I
<b>Credit Value</b>	1 Academic Credit
<b>Level</b>	2
<b>Pre-requisite / Co-requisite / Exclusion</b>	Nil
<b>Objectives</b>	To provide health and safety training to BRE students 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="477 371 796 544" rowspan="2">Specific assessment methods/tasks</th> <th data-bbox="796 371 951 544" rowspan="2">% Weighting</th> <th colspan="4" data-bbox="951 371 1458 477">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th data-bbox="951 477 1077 544">a</th> <th data-bbox="1077 477 1203 544">b</th> <th data-bbox="1203 477 1329 544">c</th> <th data-bbox="1329 477 1458 544">d</th> </tr> </thead> <tbody> <tr> <td data-bbox="477 544 796 611">1. Coursework</td> <td data-bbox="796 544 951 611">70%</td> <td data-bbox="951 544 1077 611">√</td> <td data-bbox="1077 544 1203 611">√</td> <td data-bbox="1203 544 1329 611">√</td> <td data-bbox="1329 544 1458 611"></td> </tr> <tr> <td data-bbox="477 611 796 678">2. Test</td> <td data-bbox="796 611 951 678">30%</td> <td data-bbox="951 611 1077 678">√</td> <td data-bbox="1077 611 1203 678">√</td> <td data-bbox="1203 611 1329 678">√</td> <td data-bbox="1329 611 1458 678">√</td> </tr> <tr> <td data-bbox="477 678 796 748">Total</td> <td data-bbox="796 678 951 748">100%</td> <td colspan="4" data-bbox="951 678 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="477 846 646 880">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 1043 794 1077">Other student study effort:</p> <table border="1" data-bbox="477 1088 1458 1164"> <tbody> <tr> <td data-bbox="477 1088 1147 1164">▪ Coursework</td> <td data-bbox="1147 1088 1458 1164">3 Hrs.</td> </tr> </tbody> </table> <p data-bbox="477 1176 783 1209">Total student study effort</p> <table border="1" data-bbox="477 1176 1458 1220"> <tbody> <tr> <td data-bbox="477 1176 1147 1220"></td> <td data-bbox="1147 1176 1458 1220">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 1256 703 1290">Course material at:</p> <p data-bbox="477 1290 1046 1323"><a href="http://158.132.155.107/e-learning/OES/OES.htm">http://158.132.155.107/e-learning/OES/OES.htm</a></p>																																	