

Subject Description Form

Subject Code	BSE384																																												
Subject Title	Work-Integrated Education (WIE)																																												
Credit Value	2																																												
Level	3																																												
Pre-requisite Co-requisite Exclusion	IC354 Industrial Safety I <u>or</u> IC358 Industrial Safety I Nil Nil																																												
Objectives	<p>The subject aims to enable students to:</p> <ol style="list-style-type: none"> 1. develop the ability to apply theory and concepts into engineering practice; 2. develop awareness of work-place culture; and 3. develop all-roundedness attributes. 																																												
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> a) appreciate the rapid changing world of work; b) have a better understanding of workplace culture; and c) enhance their employability and potential of commanding higher wages. 																																												
Subject Synopsis/ Indicative Syllabus	WIE will take the form of an industrial attachment for a minimum period of 4 weeks, generally starting around July/August, in the summer following the completion of stage 2 study. It may be delivered in Hong Kong, Chinese Mainland or overseas. The expected outcomes will be achieved through effective learning engineering knowledge and understanding engineering fundamentals in the work environment.																																												
Teaching/Learning Methodology	A departmental WIE team comprising of the Departmental Training Co-ordinator, other staff members and the corresponding mentors will form to ensure that effective learning does take place. Each student will be assigned with an engineering tutor. It ensures that the student receives training relevant to the students' future profession. Staff members will be available to the student to discuss training, technical and professional matters. The team will also verify students' log book and assess his/her progress. It ensures that students meet the expected subject outcomes.																																												
Assessment Methods in Alignment with Intended Learning Outcomes	<p>The assessment will be of pass or fail basis.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th rowspan="2" style="width: 30%;">Specific assessment methods/tasks</th> <th rowspan="2" style="width: 10%;">% weighting</th> <th colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th style="width: 5%;">a</th> <th style="width: 5%;">b</th> <th style="width: 5%;">c</th> <th style="width: 5%;"></th> <th style="width: 5%;"></th> <th style="width: 5%;"></th> </tr> </thead> <tbody> <tr> <td>Report from employer*</td> <td style="text-align: center;">30</td> <td></td> <td></td> <td style="text-align: center;">✓</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Final report</td> <td style="text-align: center;">70</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td style="text-align: center;">100%</td> <td colspan="6"></td> </tr> </tbody> </table> <p style="margin-top: 10px;">*If there is complaint or unreasonable offer rejection, we reserve the rights to fail the student.</p> <p>To assess the intended outcomes, the final report from student shall include:</p> <ul style="list-style-type: none"> • Business of the company, its management structure and the various roles the work force play; • Industrial relations, welfare and safety; • Details of training; • Specific tasks, projects and etc. It forms an important part of the placement experience and the 							Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)						a	b	c				Report from employer*	30			✓				Final report	70	✓	✓	✓				Total	100%						
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Total	100%																																												

	value of the work for the student; <ul style="list-style-type: none"> • Links between University studies and industry; and • Conclusion. 	
Student Study Effort Expected	Class contact:	
	▪ Nil	
	Other student study efforts:	
	▪ 4 weeks External Training (44 hrs per week)	176 Hrs.
	▪ Log Book and Report writing	30 Hrs.
	Total student study effort	206 Hrs.
Reading List and References	Nil	