

**CEEB470 Civil Engineering Internship II  
Syllabus**

Coordinating Unit:	Department of Civil and Environmental Engineering, Faculty of Science and Technology		
Supporting Unit(s):	Nil		
Course Code:	CEEB470	Year of Study:	3, 4
Course Title:	Civil Engineering Internship II		
Compulsory/Elective:	Elective		
Course Prerequisites:	N.A.		
Prerequisite Knowledge:	Completion of year 3 study		
Duration:	No less than 75 hours	Credit Units:	1.5
Class/Laboratory Schedule:	N.A.		
Laboratory/Software Usage:	None		
Course Description:	Students can earn 1.5 credits from “Civil Engineering Internship II”. The student participate in intensive industrial training should work in a civil engineering company, government department or related laboratory. The total number of training hours should be no less than 75 hours. The internship should be registered with the consent of the internship coordinator.		
Course Objectives:	The objective of this course is to provide industrial training through cooperation with local industry. The student will have the opportunities to gain working experience before their graduation.		
Learning Outcomes (LO):	<p>This course contributes primarily to the outcomes:</p> <p>(d) Function in a multi-disciplinary team (e) Engineering problem solving (f) Understand professional and ethical responsibility (g) Communicate effectively</p> <p>And secondarily to following outcomes:</p> <p>(h) Understand the impact of engineering solutions to the society (i) Have knowledge of contemporary issues (j) Recognize the need and have the ability for lifelong learning</p>		
Texts & References: <i>(* recommended textbook(s))</i>	N.A.		
Student Assessment:	<p>This students will be graded as Pass / Nonpass based on the following:</p> <ul style="list-style-type: none"> <li>• Performance Appraisal Form</li> <li>• Internship Report</li> </ul>		
Learning Outcome Assessment:	<ul style="list-style-type: none"> <li>• Internship Report</li> </ul>		

Pedagogical Methods:	<input type="checkbox"/> Lecture	<input type="checkbox"/> Service learning
	<input type="checkbox"/> Guest speakers	<input checked="" type="checkbox"/> Internship
	<input type="checkbox"/> Case study	<input type="checkbox"/> Field study
	<input type="checkbox"/> Role playing	<input type="checkbox"/> Company visits
	<input type="checkbox"/> Student presentation	<input type="checkbox"/> e-learning
	<input type="checkbox"/> Project	<input checked="" type="checkbox"/> Independent study
	<input type="checkbox"/> Simulation game	<input type="checkbox"/> Others:___
	<input type="checkbox"/> Exercises and problems	

### CEEB470 Civil Engineering Internship II

Contribution to Programme Outcomes:	Programme Outcomes	Contribution to POs <sup>#</sup>	
		Primary	Secondary
	(a) Apply knowledge of mathematics, science, and engineering		
	(b) Design and conduct experiments, and analyze data		
	(c) Design components, systems or processes in presence of constraints		
	(d) Function in a multi-disciplinary team	✓	
	(e) Engineering problem solving	✓	
	(f) Understand professional and ethical responsibility	✓	
	(g) Communicate effectively	✓	
	(h) Understand the impact of engineering solutions to the society		✓
	(i) Have knowledge of contemporary issues		✓
	(j) Recognize the need and have the ability for lifelong learning		✓
	(k) Apply the skills, techniques, modern engineering tools		
(l) Apply the computer/IT tools relevant to the discipline			
Course Instructor(s):	Dr. M. H. Lok (Please refer to the following link for the consultation hours of the course instructor: <a href="http://www.fst.umac.mo/cee/contacthour.html">http://www.fst.umac.mo/cee/contacthour.html</a> )		