



COURSE DETAILS		
----------------	--	--

Units of Credit	6
------------------------	---

Workshop	Wednesday, 19:00 – 20:00	Online
-----------------	--------------------------	--------

**Course Coordinator
and Lecturer**

2.	<i>Apply the fundamentals of cementitious materials to real world engineering problems</i>	<i>PE1.2, PE2.2, PE2.3</i>
3.	<i>Design the concrete mixtures to meet the structure requirement</i>	<i>PE1.5, PE1.6, PE2.3, PE2.5</i>
4.	<i>Describe the mechanisms of deterioration of concrete and use the preventive methods to promote durability.</i>	<i>PE1.1, PE1.3, PE2.1, PE3,3</i>
5.	<i>Explain the use of recent alternative cement and concrete materials to improve durability and sustainability</i>	<i>PE1.1, PE1.3, PE1.4</i>

For each hour of contact it is expected that you will put in at least 1.5 hours of pr-2()726 reW*n /Span AMCI0Bhat you willang

03/08/2020

(Week 10)

Dr Kim

Suitability and Alternative
binders

Suitability and Alternative
binders

ASSESSMENT OVERVIEW							
Item	Length	Weighting	Learning outcomes assessed	Assessment Criteria <i>(this needs to explicitly describe what students are expected to demonstrate in the task)</i>	Due date and submission requirements	Deadline for absolute fail	Marks returned
1. Quiz 1	40 min	15%	1, 2	The mid-session quizzes and one assignment will assess the basic knowledge covered in the main topics of the course.	24/06/2020 (Week 4)	-	28/06/2020 (Week 4)
2. Quiz 2	40 min	15%	3, 4		29/07/2020 (Week 9)		04/08/2020 (Week 10)
3. Assignment	2 weeks	10%	1, 2, 3, 4, 5		20/07/2020 – 02/08/2020 (Week 8 – Week 9)		11/08/2019 (Week 11)
4. Final Exam	Take home exam	60%	1, 2, 3, 4, 5	The final exam provides an opportunity to assess higher capabilities in understanding and applying the knowledge learned throughout the semester.	Exam Period	-	-

RELEVANT RESOURCES

There is no prescribed textbook for this course

Recommended Books:

- ◁ S. Midness, J. F. Young, D. Darwin, "Concrete", 2nd Edition, Prentice Hall, 2002

