



COURSE DETAILS

Units of Credit	6				
Contact hours	35 hours per week				
Class	Day 1, Wednesday 19 th Feb	9:00	17:00	Civil Engineering 109 (K-H20-109)	
(Lectures and Workshops)	Day 2, Thursday 20 th Feb	9:00	17:00	Civil Engineering 109 (K-H20-109)	
	Day 3, Friday 21 st Feb	9:00	17:00	Civil Engineering 109 (K-H20-109)	
	Day 4, Monday 24 th Feb	9:00	17:00	Civil Engineering 109 (K-H20-109)	
	Day 5, Tuesday 25 th Feb	9:00	17:00	Civil Engineering 109 (K-H20-109)	
Course Coordinator and Lecturer	Dr. Arman Khoshghalb				
	email: Arman.khoshghalb@unsw.edu.au				
	office: CE 503, Civil Engineering Building				
	Consultation times: Mondays from 15:30 to 17:00				
	Fridays from 1				

OBJECTIVES AND EXPECTED LEARNING OUTCOMES

The objective of the course is to understand the basic principles of soil mechanics and to study the behaviour of soil as an engineering material.

By the end of the course successful students should:

understand the fundamentals of the behaviour of soil as an engineering material,	PE1.1, PE1.2, PE1.3, PE1.5, PE2.3
relate to those aspects of soil behaviour which have a significant environmental impact,	PE1.3, PE1.6, PE3.1
be able to solve a range of soil related problems especially those involving water flow, soil settlement and soil strength,	PE1.1, PE1.2, PE2.1, PE2.2, PE3.3, PE3.5
have a sound basis for further formal study and self-study in the geotechnical engineering area,	PE1.1, PE1.4,

< Supplementary Examinations for Term 1 2020 will be held on Monday 25th May – Friday 29th May (inclusive)

PLAGIARISM

Beware! An assignment that includes plagiarised material will receive a 0% Fail, and students who plagiarise may fail the course. Students who plagiarise are also liable to disciplinary action, including exclusion from enrolment.

Plagiarism is the use of

Stage 1 Competencies for Professional Engineers

	PE1.1 Comprehensive, theory-based understanding of underpinning fundamentals
	PE1.2 Conceptual understanding of underpinning maths, analysis, statistics, computing
	PE1.3 In-depth understanding of specialist bodies of knowledge
	PE1.4 Discernment of knowledge development and research directions