



School of Civil and Environmental Engineering

Trimester 1, 2021

CVEN3501 WATER RESOURCES ENGINEERING

COURSE DETAILS

Units of Credit	6
Contact hours	6 hours per week
Class	Wed 11:00-13:00 Online
	Fri 11:00-13:00
	-16:00 Online + face to face
Course Coordinators	Ashish Sharma (AS) email: a.sharma@unsw.edu.au office: School of Civil and Environmental Engineering, Kensington CE307
Lecturers	Ashish Sharma (AS) email: a.sharma@unsw.edu.au office: School of Civil and Environmental Engineering, Kensington CE307
	Lucy Marshall (LM) email: lucy.marshall@unsw.edu.au office: Water Research Centre. School of Civil and Environmental Engineering,
	Martin Andersen (MA) email: m.andersen@unsw.edu.au office: School of Civil and Environmental Engineering, Kensington CE303

INFORMATION ABOUT THE COURSE

Water Resources Engineering will provide the basic information describing the hydrological cycle and those components of it that are essential to engineering design and process understanding. The main course taken before Water Resources Engineering (CVEN3501) which supports its content is:

- Principles of Water Engineering (CVEN250186.36 Tm2VEes)

	<ul style="list-style-type: none"> x Download materials from Moodle x Keep up with notices and find out marks via Moodle
Lectures	<ul style="list-style-type: none"> x Find out what you must learn x Learn more details on the methods and theory that are not covered in the notes x Follow worked examples x Hear announcements on course changes
Workshops	<ul style="list-style-type: none"> x Be guided by demonstrators x Practice solving set problems x Ask questions
eLearning	<ul style="list-style-type: none"> x Lecture notes will be made available to you in Moodle to you e.ave(Å te&

Week 4	10/03/2021 12/03/2021	LM	Flood Frequency Analysis	Online quiz 4	Workshop 4
Week 5	17/03/2021 19/03/2021	LM	IFD relationships, temporal patterns, design Floods	Online quiz 5	Workshop 5

Week 6 **24/03/2021**

		resources	understanding of the subject and answers to the questions asked. x Students will be assessed against their understanding of the groundwater and the associated assumptions in applying the theory.		submitted via Moodle)
2	Online Quizzes (15%)				
Online Quizzes					

