

Private Study	<p>Independent and group research (e.g. literature searching and data gathering) and self-directed learning</p> <p>Work with your group-develop effective relationships in meeting task deliverables and deadlines</p> <p>Review lecture material</p> <p>Download and read materials from Moodle</p> <p>Keep up with notices and find out marks via Moodle</p>
Lectures	<p>Find out what you must research and deliver as a group</p> <p>Learn to use online tools and develop research skills</p> <p>Hear announcements on course changes</p>
Workshops	<p>Address group management and set individual tasks</p> <p>Ask your demonstrators to review the team work in progress ideas and outputs</p> <p>Maintain timesheets and meeting minutes</p> <p>Ask questions</p>

COURSE PROGRAM

A table of lecture content and workshop activities for each week is included below.

7 H U P 2 2020

Date	Lecture Monday 10 11 am ONLINE via Blackboard Ultra link in Moodle	Lecture Tuesday 9 - 11 am ONLINE via Blackboard Ultra link in Moodle	Suggested workshop activities Thursday 12 2 pm or 2 4 pm ONLINE via Blackboard Ultra link in Moodle
01/06/2020 (Week 1)	Course overview Project description Assessments	Guest Lecture: Water Sensitive Urban Design. Dr Kefeng Zhang and Dr Veljko Prodanovic, Water Research Centre	Review assessment timeline, meet your group and plan the 7 H U P.
08/06/2020 (Week 2)	No lecture Queens Birthday	Referencing and research skills Dr Adele Jones, Water Research Centre	Finalise Assessment 1 – Project Proposal, get feedback on drafts from demonstrators.
15/06/2020 (Week 3)	Introduction to water quality in urban systems Dr James McDonald, Water Research Centre	Guest Lecture: Australian Rainfall and Runoff Handbook and Modelling Dr Chris Chen, Water Research Centre	Work on Assessment 2 – Annotated Bibliography get feedback from demonstrators on search terms, ideas and review journal articles. Install freeware GIS software for Thursday Week 4 lecture.
22/06/2020 (Week 4)	Guest Lecture: Sydney Water Robert Allen	Guest Lecture: Using GIS in urban design Philippa Higgins and Johan Visser	Finalise Assessment 2 – Annotated Bibliography: Last chance to get feedback from demonstrators on search terms, ideas and review journal articles.
29/06/2020 (Week 5)	Guest Lecture: Life Cycle Assessment Clare Bales	Guest Lecture: What does good community engagement look like? Dr Matthew Kearnes Guest Lecture: Stopping Pollution Entering Our Waterways Blake Allingham from Ocean Protect	Draft your presentation and Share your ideas with the demonstrators. Write report.
06/07/2020 (Week 6)	Non-teaching week for all courses	Non-teaching week for all courses	No Workshop
13/07/2020 (Week 7)	Presentation		

Date	Lecture	Lecture	Suggested workshop activities
	Monday 10 11 am ONLINE via Blackboard Ultra link in Moodle	Tuesday 9 - 11 am ONLINE via Blackboard Ultra link in Moodle	Thursday

ASSESSMENT

To the extent appropriate at university, assessments will reflect the kinds of deliverables expected at the professional level in

ASSESSMENT OVERVIEW

The table below contains details of all assessments and due dates planned for the CVEN4003/9000 course in 7HUP 2 2020.

Item	Length	Weighting	Learning outcomes assessed	Assessment Criteria	Due date and submission requirements	Deadline for absolute fail	Marks returned
1. Project Proposal and risk assessment	< 5 pages + HS017 form	15%	2, 3, 5, 6 and 7	This is a group assessment; peer evaluation will be used to determine an individual mark. Students are expected to display an understanding of the key issues of the project. Demonstrate an ability to plan and describe decision making processes and assess risk of field work involved in the project.	Friday 8 pm 19/06/2020 (Week 3) Submit online via Moodle	Wednesday 24/06/2020 (Week 4)	Friday 27/06/2020 (Week 4) via Moodle
2. Annotated bibliography	< 10 pages	20%	1, 4 and 8	This is an individual assessment. Students are expected to display evidence of in-depth understanding of the topic. Provide evidence of ability to research and synthesise information. Students will be marked on presentation, clarity, organisation and depth of research and demonstration of critical analysis of source content.	Friday 8 pm 03/07/2020 (Week 5) Submit online via Moodle	Tuesday 07/07/2020 (Week 5)	Monday 13/07/2020 (Week 7) via Moodle
3. Presentation	18 minutes + 5 minutes questions	20%	1, 3, and 5	This is a group assessment; peer evaluation will be used to determine an individual mark. Each student will be marked on both content and presentation technique. Students are expected to display a knowledge of their topic and communicate their findings clearly.	Thursday 12–4pm 16/07/2020 Present online via blackboard (Week 7 workshops)	Students must present on the due date	Friday 24/07/2020 (Week 8) via Moodle
4. Final Report	< 100 pages	45%	1, 2, 3, 5, 6, 7, 8, 9	This is a group assessment; peer evaluation will be used to determine an individual mark. Students will be expected to display and communicate in-depth knowledge of their project issues and solutions. Evidence of analytical thinking and problem solving as well as organisation and presentation of the report will be assessed.			

RELEVANT RESOURCES

Additional resources will be found on Moodle

Stormwater Management

Stormwater NSW Library

<http://stormwater.nsw.gov.au/resources/external-links/>

Stormwater Source Control Handbook

<https://www.unisa.edu.au/siteassets/episerver-6-files/documents/itee/afmg/johnargue-wsud-basic-procedures-for-source-control-student-edition.pdf>

CRC for Water Sensitive Cities Comprehensive stormwater management handbook

<https://watersensitivecities.org.au/content/stormwater-biofilter-design/>

Australian Rainfall and Runoff Guidelines

<http://arr.ga.gov.au/home>

Organisations for urban waterway improvement

Cooks River Alliance

<http://cooksriver.org.au/>

Cooks Net

Parramatta River Catchment Group

<http://www.parramattariver.org.au/>

Life Cycle Assessment

<https://nexus.openlca.org/>

<http://www.openlca.org/>

<http://www.lcatextbook.com/>

DATES TO NOTE

ACADEMIC ADVICE

For information about:

Notes on assessments and plagiarism,

School policy on Supplementary exams,

Special Considerations: student.unsw.edu.au/special-consideration

Solutions to Problems,

Year Managers and Grievance Officer of Teaching and Learning Committee, and

CEVSOC.

Refer to Academic Advice on the School website available at:

<https://www.engineering.unsw.edu.au/civil-engineering/student-resources/policies-procedures-and-forms/academic-advice>

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