

421-420 Hydraulic Engineering Design

Credit Points:	6.250
Level:	Undergraduate
Dates & Locations:	2008, This subject commences in the following study period/s: Semester 1, - Taught on campus.
Time Commitment:	Contact Hours: Ten hours of lectures and 14 hours of supervised design sessions and practice classes Total Time Commitment: Not available
Prerequisites:	421-316 Engineering Hydraulics and Hydrology
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	<p><p>For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.</p> <p>It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability</p></p>
Coordinator:	Mr W Robertson
Subject Overview:	<p>On completion of this unit students should have gained an understanding of the hydraulics of water supply/treatment/disposal and applied this knowledge to the design of common hydraulic structures.</p> <p>Topics covered include urban stormwater drainage systems; urban water supply, treatment and distribution systems; water supply pipeline design and surge protection; sewerage, wastewater collection and treatment; and hydraulic design of common hydraulic structures.</p>
Assessment:	One 2-hour written examination (50%), practice classes, design report and assignments (up to a total of 25 pages inclusive of diagrams, tables, computations and computer output) (50%).
Prescribed Texts:	None
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	Information Not Available