

GEOM90041 Cadastral Surveying

Credit Points:	12.50						
Level:	9 (Graduate/Postgraduate)						
Dates & Locations:	This subject is not offered in 2013.						
Time Commitment:	Contact Hours: 48 hours of lectures and 24 hours of lab exercises Total Time Commitment: 120 hours						
Prerequisites:	<table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>ABPL90041 Property Law (PG)</td> <td>Not offered 2013</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	ABPL90041 Property Law (PG)	Not offered 2013	12.50
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ABPL90041 Property Law (PG)	Not offered 2013	12.50					
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>						
Contact:	Dr Allison Kealy a.kealy@unimelb.edu.au (mailto:a.kealy@unimelb.edu.au)						
Subject Overview:	Cadastral surveying relates to the laws of land ownership and the definition of property boundaries and is a core responsibility for the surveying industry and profession. This subject introduces the legal framework of cadastral surveying, the land tenure system in Victoria, and the methods of performing cadastral surveys, including computations and documentation, as it is required for land acquisition, land compensation and land subdivision procedures.						
Objectives:	Upon completion of this subject students will have the ability to: <ul style="list-style-type: none"> # Identify the legal and technical requirements for making a cadastral survey in Victoria # Explain the preparation of the corresponding documentation in the form of plans and reports # Practically perform a cadastral survey # To perform survey computations with programmable calculators and computer software and to produce cadastral survey documents using computer aided draughting (eg Liscad) # Discuss the concepts of SPEAR and ePlan as mechanisms for the digital processing of cadastral plans in Victoria 						
Assessment:	Four cadastral surveying practical assignments with preparation of resulting computations and survey documents, each of a workload of 20 hours (x4 @ 20%) One 1500 word assignment (20%)						
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:	<ul style="list-style-type: none"># Ability to undertake problem identification, formulation, and solution# Understanding of social, cultural, global, and environmental responsibilities and the need to employ principles of sustainable development# Ability to utilise a systems approach to complex problems and to design and operational performance# Understanding of professional and ethical responsibilities, and commitment to them# Ability to function effectively as an individual and in multidisciplinary and multicultural teams, as a team leader or manager as well as an effective team member
Related Course(s):	Master of Philosophy - Engineering Ph.D.- Engineering
Related Majors/Minors/ Specialisations:	Master of Engineering (Geomatics)