GEOM90017 Geomatics Internship

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2014, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 10-15 days off-campus (100 hours) Total Time Commitment: 200 hours
Prerequisites:	Students **must** have approval of the Subject and Program Co-ordinator prior to enrolling in this subject.
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	Students cannot enrol in and gain credit for this subject and:

Subject	Study Period Commencement:	Credit Points:
ISYS90080 IT Industry Placement	Summer Term, Semester 1, Semester 2	25

Core Participation Requirements:	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. 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
Coordinator:	Assoc Prof Allison Kealy
Contact:	Associate Professor Allison Kealy **a.kealy@unimelb.edu.au (https://mce_host/faces/htdocs/a.kealy@unimelb.edu.au)**
Subject Overview:	**AIMS** In this subject the student will be hosted for 100 hours of project work within a private or public sector organization involved in the geomatics industry. A program of study/work will be prescribed in the first week of the semester. This subject will require the student to integrate and apply knowledge from their University study to new and more complex situations they typically encountered in their course. Evidence of development of an enhanced knowledge of their subject matter and/or advanced capability in the use and development of associated technologies employed in the collaborative project work will need to be demonstrated. **INDICATIVE CONTENT** The learning activities will be discussed and agreed between the academic coordinator, the host and the student.
Learning Outcomes:	**INTENDED LEARNING OUTCOMES (ILO)** Having completed this unit the student is expected to:

	1 Demonstrate an enhanced knowledge of their subject matter; 2 Interpret their knowledge on the basis of requirements of the Geomatics industry; 3 Demonstrate an advanced capability in the use and development of associated technologies employed in the collaborative project work.
Assessment:	A work plan (500 words) for the internship and indicative examples of portfolio entries due one quarter of the way through the semester (5%). Associated with Intended Learning Outcome (ILO) 2 A portfolio of examples of work (100 pages maximum) undertaken during the internship presented for assessment by the host and the academic coordinator at end of semester (50%) (ILO 1,2 and 3) Reflective report of not more than 2500 words due at the end of semester (45%) (ILO 2)
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:	On successful completion students should have: # Ability to apply knowledge of science and engineering fundamentals # Understanding of the business environment # Ability to communicate effectively, with the engineering team and with the community at large # Ability to manage information and documentation # Understanding of professional and ethical responsibilities, and commitment to them
Notes:	**LEARNING AND TEACHING METHODS** This subject will be conducted through an off campus industry placement. Students will be required to meet with the course coordinator regularly during the internship period. The meeting schedule will be established once the internship period has been finalised. **CAREERS / INDUSTRY LINKS** The student will be hosted by a relevant industry sponsor and their work supervised by a relevant person in the organisation. Real world problems and tasks of value to the industry sponsor will be pursued by the students. The student will also participate in standard organisational procedures and protocols for developing and delivering the outcomes of their work as well as understanding the broader objectives of their work by the sponsor.
Related Course(s):	Master of Geographic Information Technology Master of Information Technology Master of Information Technology Master of Information Technology Master of Spatial Information Science
Related Majors/Minors/ Specialisations:	Master of Engineering (Geomatics)