ISYS90050 IT Project and Change Management

Credit Points:	12.5
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2016, Parkville This subject commences in the following study period/s: Summer Term, Parkville - Taught on campus. Semester 1, Parkville - Taught on campus. Semester 2, Parkville - Taught on campus.
Time Commitment:	Contact Hours: Summer Term: 36 hours in block mode; Semester 1 and 2: 36 hours, comprising of one 3 hour seminar per week. Total Time Commitment: 200 hours
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Overview, Objectives, 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 & Disability Support http://www.services.unimelb.edu.au/disability/
Coordinator:	Dr Antonette Mendoza, Dr Sean Maynard
Contact:	Dr Sean Maynard **sean.maynard@unimelb.edu.au (mailto:sean.maynard@unimelb.edu.au)** Dr Antonette Mendoza **mendozaa@unimelb.edu.au (mailto:mendozaa@unimelb.edu.au)**
Subject Overview:	**Aims** This subject covers management of information technology projects and leading project teams and associated change management roles, tasks and processes. Topics include the project life cycle, project tasks and deliverables, project scheduling, critical path analysis, resource levelling, risk management, quality assurance and project delivery including post implementation reviews. The limits of projects as change agents will also be covered. **Indicative Content** The Project Management Body of Knowledge (PMBOK).
Learning Outcomes:	**Intended Learning Outcomes (ILOs)** On completion of this subject the student is expected to: 1 Identification of requirements, functional and non-functional, for a project 2 Development of detailed project plans, schedules, and budgets, estimate project resources, allocate/coordinate resources, and describe interface with management 3 Application of tools and techniques of project planning and management, possibly including the use of project management software 4 Identification, and evaluation of risks associated with projects

	5 Description of the human and organizational implications of change and explanation of the organizational change process and the limitations of projects as change agents 6 Description of ways of overcoming resistance and handling politics
Assessment:	One group based planning report (35%) with 3-4 group members of approximately 5000 words due in week 7, requiring approximately 48-52 hours per student (35%). Intended Learning Outcomes (ILOs) 1 to 4 are addressed in the planning report. One individual critical analysis report of a project case scenario (25%) of approximately 1300 words in due in week 11, requiring approximately 32-37 hours per student (25%). Addresses ILOs 3 to 6 are addressed in the critical analysis report. One written 2 hour written closed book end of semester examination (40%). ILOs 1, 3, 4, 5, and 6 are addressed in the examination. The examination is a hurdle requirement and must be passed to pass the subject. Hurdle requirement: To pass the subject, students must obtain: at least 50% of the marks available for the non-examination based assessment at least 50% of the marks available for the examination
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 completion of this subject, students should have developed the following generic skills: # Have in-depth knowledge of a specialist area through exposure and study of project management areas of knowledge # Reach a high level of achievement in writing, research or project activities problem-solving and communication through the writing of project analyses # Team-work, through working on a group project # Report-writing skills # Presentation skills
Links to further information:	www.cis.unimelb.edu.au
Notes:	**Learning And Teaching Methods** The subject is delivered in 3 hour classes, with each class containing: a lecture presentation, collaborative discussion and activities, and self-study of research related articles. **Indicative Key Learning Resources** Students will have access to lecture slides and tutorial worksheets. The following textbooks has been prescribed: # Meredith, Jack R. and Mantel, Samuel J. Project management : a managerial approach / Jack R. Meredith, Samuel J. Mantel, Jr Wiley, New York : 2008 # Marchewka, Jack T. Information technology project management. Wiley, 2009. **Careers/Industry Links** This subject is relevant to students pursuing project management roles in industry as well as IT professionals in general. Students will be discussing challenges in the practice of management projects. Real world cases of organizations attempting to manage their projects will form the background of some lectures. Industry practitioners will be invited to present their experiences to students.
Related Course(s):	Doctor of Philosophy - Engineering Master of Geographic Information Technology Master of Information Systems Master of Information Systems Master of Information Technology Master of Information Technology Master of Information Technology Master of Philosophy - Engineering Master of Science (Information Systems) Master of Spatial Information Science
Related Majors/Minors/ Specialisations:	Computer Science Computer Science

	Computer Science MIS Professional Specialisation MIT Computing Specialisation MIT Distributed Computing Specialisation MIT Health Specialisation MIT Spatial Specialisation Master of Engineering (Software with Business) Master of Engineering (Software)