

702-668 Project Risk, Quality & Procurement

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 2, - Taught on campus.
Time Commitment:	Total Time Commitment: Not available
Prerequisites:	702-656 Project Management Framework, or equivalent
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	Computer Requirements: A PC with Windows operating system; 56k Modem for dial-up access and a webcam.
Coordinator:	Dr Victor Chen
Subject Overview:	<p>This subject will develop fundamental knowledge in project and program risk evaluation and management, quality planning and control, quality assurance, procurement and contract management, and systems management in any building project. Students will apply theoretical concepts to case studies in the built environment to devise holistic solutions to meeting strategic business objectives. The subject comprises three elements: research and theory, application, and demonstration.</p> <p>Students are required to develop fundamental theoretical knowledge based on lecture and course materials and a range of online and print resources. Students will then work on applying this knowledge to problems/case studies considered in teams of 4-5, and to a larger-scale real-life case study project requiring students to devise holistic solutions to risk, quality, procurement and systems management issues. Students in this subject will work in pre-assigned teams using access to an online team forum. They will discuss ideas, research, problems and issues on a regular basis with the subject coordinator and through participation in team interactions. A general subject discussion forum will also be available for students to raise issues and interact with the rest of the class and the subject coordinator/tutors. All learning materials and activities will be available online. Assessment submissions will be online in electronic format. Teamwork activities will be complemented by individual reports and online presentations allowing students to reflect on and highlight their personal research and contributions to team tasks.</p> <p>The subject will be delivered using the <i>Blackboard</i> platform, where there will be a discussion forum and file exchange facilities for students to interact with peers as well as tutors and coordinators. The subject will have its own learning materials and resources section. The subject coordinator will provide the relevant learning material or appropriate references on-line for students to access. In addition to this, students will have full access to the University library for both on-the-shelf and electronic resources.</p>
Objectives:	<p>To develop a thorough understanding of four key knowledge areas in project management in the building and construction industry:</p> <ul style="list-style-type: none"> # project risk management # project quality management # project procurement and contract management # project systems management
Assessment:	Team Assignments of 2000 words (35%); Individual Final Report & viva presentation of 1000 words (15%); 2 hour written Exam of 2000 words (50%).
Prescribed Texts:	None

Recommended Texts:	<ol style="list-style-type: none"> 1 Course materials. 2 <i>A Guide to the Project Management Body of Knowledge</i>, 3rd ed (2004), Project Management Institute (US). 3 <i>The Handbook of Project Based Management</i>, R. Turner. 4 <i>Project Management the managerial process</i>, Gray and Larson, McGraw Hill.
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:	<p>On completion of this subject students will have developed these skills:</p> <ul style="list-style-type: none"> # An appreciation of the scope and dimensions of professional roles # The ability to function effectively as either a team leader or member within multi-disciplinary and multi-cultural teams # A commitment to, and fundamental appreciation of, the concept of successful teamwork and the ability to communicate effectively, clearly and concisely as a team leader or member of the group # An ability to communicate ideas, concepts and solutions to both technical and non-technical audiences effectively, clearly and concisely # An ability to carry out research and apply fundamental theoretical knowledge to problem solving in relevant disciplines
Links to further information:	http://www.abp.unimelb.edu.au/environments-and-design-students/melbourne-school-of-design-students.html
Notes:	Resources Provided to Distance Students: Internet based IT framework (Learning Management System) with secured access facilitating interactions with other students and the subject coordinator/tutor and completion of academic exercises.
Related Course(s):	<p>Master of Construction Management Master of Planning and Design (Coursework)</p>