

ABPL90291 Construction and Cost Management

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2010, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 48 hours (Lectures and Tutorials) Total Time Commitment: 150 hours
Prerequisites:	Admission to the 300 point Master of Construction Management.
Corequisites:	None specified
Recommended Background Knowledge:	None specified
Non Allowed Subjects:	None specified
Core Participation Requirements:	For the purposes of considering requests 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 Description, Subject Objectives, Generic Skills and Assessment Requirements of this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website: http://www.services.unimelb.edu.au/disability/
Coordinator:	Dr Ajibade Aibinu, Ms Valerie Francis
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Subject Overview:	Broad introduction to the nature of the construction industry both locally and internationally and investigates the roles and responsibilities of a range of industry stakeholders. The project life cycle concept and project procurement systems and contracts are introduced. The subject presents the fundamental principles relating to managing a building project. It covers the principles of measurement and estimating and forecasting of cost and scheduling of project time at the design and tender stage and cost control at the construction stage. Issues affecting the successful management and delivery of a project are examined from the perspectives of the head contractor and project owner.
Objectives:	On completion of the subject students should be able to: <ul style="list-style-type: none"> # understand the roles and responsibilities of the parties involved in the design and construction of a building; # demonstrate a general knowledge of the mandatory contractual procedures for administering project scope, quality, cost and time; # understand the principles of construction project cost forecasting and time scheduling; # appreciate factors affecting the time and cost of a building project from the perspective of head contractor and project owner; # have a basis upon which to build practical working skills in all areas of contract administration during the construction phase of a building project.
Assessment:	First assignment (20%) handed out early in semester (equivalent 1500 words).Second assignment (20%) mid-semester (equivalent 1500 words).Final end of semester examination (3 hours), 60%. Students are required to achieve a mark of at least 40% in the exam in order to pass the subject.

Prescribed Texts:	Harris, F., McCaffer, R. and Edum-Fotwe, F. Modern Construction Management, 6th edition, Oxford; Malden, MA :Blackwell, 2006. Smith, J. and Jaggar, D. Building Cost Planning for the Design Team, 2nd edition, Butterworth-Heinemann, Australia, 2007.Marsden, P. Basic Building Measurement, UNSW Press Limited, 1998. AIQS et al. Australian Standard Method of Measurement. AIQS & MB-CHAA, 1990.
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 the subject students should have developed the following skills and capabilities: # communication; # analytical skills; # problem-solving skills.
Related Course(s):	Master of Construction Management