

MGMT90033 Technology Management

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	This subject is not offered in 2011.
Time Commitment:	Contact Hours: One 3-hour seminar per week Total Time Commitment: Approximately 2.5 hours of personal study per hour of class time is required to achieve a satisfactory level of performance
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
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 for 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/
Contact:	Graduate School of Business and Economics Level 4, 198 Berkeley Street Telephone: +61 3 8344 1670 Online Enquiries (https://nexus.unimelb.edu.au/OnlineEnquiryForm.aspx?campaigncode=CMP-01311-VZ8293&cssurl=https://nexus.unimelb.edu.au/cssfiles/gsbe.css&redirecturl=http://www.gsbe.unimelb.edu.au/contactus/nexus/gsbe.html) Web: www.gsbe.unimelb.edu.au (http://www.gsbe.unimelb.edu.au)
Subject Overview:	This subject will provide the concepts and knowledge concerned with managing technology in enterprises, meaning the formulation and implementation of technology strategy, development of technological capabilities, and the interfaces of technology strategies and operational systems and business strategies. It will make extensive use of case studies to illustrate the practical issues and concepts. Topics include technology forecasting, product and process technology choices, flexibility of technology, technological innovation, and technology-productivity-competitiveness relationships. The relationship between technology choices and strategy, and human factors in the workplace will be examined.
Objectives:	On successful completion of this subject, students should be able to: <ul style="list-style-type: none"> # Have knowledge and comprehension of different approaches to technology management and their underlying assumptions and implications; # Be able to analyse and evaluate the underlying assumptions and implications for practice of the different aspects of technology management; # Be capable of applying business logic and frameworks to solve technology management and strategy problems.
Assessment:	2-hour examination (60%) Written assignments not exceeding 4000 words (40%)
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 of this subject, students should have improved the following generic skills:

- # Problem solving skills and thinking skills through the discussion and written exercises, and the selection of reading material;
- # Verbal and written communication skills through discussion and written exercises;
- # Research skills through the preparation of the written exercises;
- # Analytical and problem solving skills through the frameworks and tools that will be learned;
- # Strategic/ business logic skills through addressing technology management problems.