

360-719 Production & Operations Management

Credit Points:	12.500
Level:	Graduate/Postgraduate
Dates & Locations:	2008, This subject commences in the following study period/s: Semester 1, - Taught on campus. Semester 2, - Taught on campus.
Time Commitment:	Contact Hours: 24 hours of lectures/seminars/workshops/individual supervision Total Time Commitment: Not available
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	<p><p>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.</p> <p>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</p></p>
Subject Overview:	Topics include the role of operations; the link between strategy and operations; productivity; decisions in the operations area; planning and control of inventory, projects and the transformation process including Total Quality management, Just-in-Time, kanban and 'lean production' systems. Students will understand the principles and practice of factors which influence the capacity to compete effectively in manufacturing and service operations
Assessment:	One-hour test (20%) Assignments of not more than 1500 words (30%) Field project investigation report of 3000 words (50%)
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:	<p>Students who successfully complete this subject should understand:</p> <ul style="list-style-type: none"> The overall framework of operations management as part of organisational strategy How to plan capacity and facility usage The managerial issues involved in introducing new projects The different concepts of flexibility in service and manufacturing enterprises How to generate different manufacturing strategies The relationships between the manufacturing strategy of the enterprise and the competitive strategy for the business as a whole The role of quality in the operations process The implications for management of the differences between the various methods of organising manufacturing eg batch production, jobbing, continuous production and large project manufacturing

	The functions within operations management in service and manufacturing industries, eg supplier management, inventory control, design, production planning, workflow management and customer service
Related Course(s):	Master of Enterprise (Executive)