

MGMT90047 Production & Operations Management

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2012, Parkville This subject commences in the following study period/s: May, Parkville - Taught on campus. Intensive mode
Time Commitment:	Contact Hours: 24 hours of lectures/seminars/workshops/individual supervision Total Time Commitment: Estimated total time commitment of 120 hours.
Prerequisites:	nil
Corequisites:	nil
Recommended Background Knowledge:	nil
Non Allowed Subjects:	nil
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/
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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
Objectives:	Students who successfully complete this subject should: <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.

	<ul style="list-style-type: none"> The functions within operations management in service and manufacturing industries, eg supplier management, inventory control, design, production planning, workflow management and customer service.
Assessment:	One-hour test (20%) Assignments of not more than 1500 words (30%) Field project investigation report of 3000 words (50%)
Prescribed Texts:	n/a
Recommended Texts:	Course materials are provided to all participants
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
Links to further information:	http://www.mccp.unimelb.edu.au/subjects/production-and-operations-management
Related Course(s):	Master of Enterprise (Executive)