

MGMT90048 Quant Analysis for Managerial Decisions

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2010, Hawthorn This subject commences in the following study period/s: Semester 2, Hawthorn - 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/
Contact:	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/ (http://www.services.unimelb.edu.au/disability/)
Subject Overview:	This subject involves skill building in statistical and decision analysis methods for managers, including probability, decision trees and linear programming, and correlation and regression techniques.
Objectives:	Students who successfully complete this subject should: <ul style="list-style-type: none"> • Understand the role of statistical analysis in managerial decision making • Appreciate decision modeling as a way of learning about commercial decisions • Understand utility and other models for understanding complex decisions • Be able to formulate linear programs to model business decisions • Appreciate a range of management science models
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:	Students who successfully complete this subject should: Understand the role of statistical analysis in managerial decision making

	Appreciate decision modeling as a way of learning about commercial decisions Understand utility and other models for understanding complex decisions Be able to formulate linear programs to model business decisions Appreciate a range of management science models
Links to further information:	http://www.mccp.unimelb.edu.au/subjects/quantitative-analysis-for-managerial-decisions
Related Course(s):	Master of Enterprise (Executive) Master of Enterprise (Executive)