MODULE DESCRIPTOR

MODULE TITLE	Applications in Operations Management		
Module Code	25-6001-00L		
Level	6		
Credit Points	20		
Indicative Assessment Components & Percentage Weightings	60% Coursework 40% Examination		
Pre-Requisite Modules *(if applicable)*			
Delivered according to Standard Academic Calendar YES / NO	**Long:** **2 semesters** YES	**Short:** **1 semester** NO	**Other delivery pattern:** *Please specify*

1 MODULE AIMS

The aims of this module are to :

- provide an holistic view of the role that operations management can play in organisations;

- develop critical and analytic capabilities within the field of operations management; and

- help students gain the ability to identify problems and recommend effective improvement actions within the field of operations management.

2 MODULE LEARNING OUTCOMES
BY THE END OF THE MODULE, YOU WILL BE ABLE TO:

1. Identify and analyse the operations management-related issues that are presented in case studies provided;

2. Analyse an organisation's internal and external operating environment using the case materials by applying a wide range of knowledge/principles/tools to the issues identified;

3. Offer effective actions based upon a process of systematic evaluation for improvement which are fit for purpose and timely in their applicability; and

4. Defend the proposed actions using experience and knowledge from appropriate theories and work experience (where relevant) and/or from elsewhere.

3   INDICATIVE LEARNING, TEACHING AND ASSESSMENT ACTIVITIES

- Preparation of case materials provided before direct-contact delivery;

- Interactive lectures between students and lecturers to provide an essential and integrated coverage of knowledge/principles/tools in the field;

- Seminar discussions based on the case study provided, both in small groups to initialise ideas and by the entire class to collect valid ideas;

- Guided self-managed study before and after delivered classes including reading relevant content in recommended texts on the reading list and from the university library; and

- Assessed through group presentations using different case studies with written feedback provided followed by individual reports with written feedback and the end of module case study-based examination.

ASSESSMENT STRATEGY AND METHODS

Task No.	TASK DESCRIPTION	SI Code	Task Weighting %	Word Count / Duration	In-module retrieval available
1	Coursework	CW	50%	2500 words	No
2	Exam	EX	50%	2 hours + 10 minutes	

4   INDICATIVE MODULE CONTENTS / TOPICS

Applications of integrated principles/knowledge in the following topics to case studies:
Operations strategy and objectives

- strategy perspective; five operations objectives; operations characteristics;
  Design:
- process design - process mapping tools; process types and basic layout types; job design;
  Operations planning and control:
- (focusing on concepts/principles instead of numerical techniques) capacity and demand; project management, supply chain development; JIT, MRP and traditional inventory comparison;
  Operations improvement:
- failure prevention; TQM; and
- Integration of any two or more of the above topics.

FURTHER INFORMATION ABOUT THIS MODULE

FURTHER/ADDITIONAL INFORMATION IS AVAILABLE TO SUPPORT THIS MODULE, INCLUDING ASSESSMENT CRITERIA DETAILING HOW YOUR PERFORMANCE IN THE MODULE WILL BE ASSESSED, WHO YOU WILL RECEIVE FEEDBACK, DETAILS OF LEARNING RESOURCES AND KEY READINGS.

THIS INFORMATION CAN BE FOUND IN THE APPLICATIONS IN OPERATIONS MANAGEMENT MODULE GUIDE ISSUED AT THE BEGINNING OF THE DELIVERY AND THE ON-LINE LEARNING BLACKBOARD SITE AND ASSESSMENT BRIEFS.

NOTE THIS ADDITIONAL INFORMATION MAY BE SUBJECT TO CHANGE FROM YEAR TO YEAR.

FINAL TASK

According to the Assessment Strategy shown in the Module Descriptor, which task will be the LAST TASK to be taken or handed-in? (Give task number as shown in the Assessment Strategy)	Task No. 2

MODULE REFERRAL STRATEGY

Task for Task (as shown for initial assessment strategy)	Y
Single Referral Package for All Referred Students	N

REVISIONS

Date	Reason
July 2012	Assessment Framework review