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Module Code:MMSE0004

Title of Module

Full Title: OPERATIONS MANAGEMENT 1

Short Title: OPERATIONS MGMT 1

MODULE

MMSE0004 (A 05/6)

OPERATIONS MANAGEMEN...

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Version: 1

Credit Points: 15

Level / ECTS Level: M

First Offered: 22/9/1997 00-00-00

6. Home Department:

AAD

7. Departments(s) contributing to teaching:

9. Module Aims:

- * acquire a broad understanding of the role of Operations Management within various organisations
- * understand the framework and concepts of Operations Management
- * develop an appreciation of operational processes, techniques, planning and control systems
- * demonstrate the application of appropriate performance measures and techniques to plan and control production

10a. Learning Outcomes: Knowledge and Understanding:

- * demonstrate an understanding of the role of Operations Management, the operational processes, planning and control systems employed within a business environment
- * demonstrate an understanding of modern operational issues and concepts
- * demonstrate an understanding of techniques and systems for planning scheduling and control.

10b. Learning Outcomes: Skills and Attributes:

- * identify and evaluate the scope and variation of operations management strategies in a range of organisations
- * identify relevant performance measures and evaluate the relationships between Operations Management and other functions
- * select and apply appropriate concepts and techniques to resolve operational constraints

* present the results of analysis and synthesis in an appropriate required business format.

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11. Module Content

11a Module Content:

This module will cover the fundamentals of Operations Management and will enable the students to develop their understanding of operational processes, techniques, planning and control systems. Students will examine case studies relating to both manufacturing and service operations to support lectures and guided learning.

11b. Further details on how the learning outcomes of the module will be achieved:

The Operations Function

- The Operations Function- Where and how does it fit in the business?
- Role and Scope of Operations Management- Transformation Process- Producing outputs (goods or services)
- Operations Management Framework- Performance Parameters and Objectives
- Design of Operations Management- Satisfying the customers needs
- Operations Management within the Organisation - Systems thinking and links within the company
- Management of Processes and Design of the Process System
- Role of MRP, MRPII and comparisons with JIT and TOC
- Forecasting, planning and scheduling - Capacity and scheduling within the Service Sector and Manufacturing sectors
- Defining Quality, Cost of Quality
- Understanding and managing Quality, TQM
- Analysing Value- Value Chain, Analysis and Engineering- an operational perspective

12. Language of Delivery:

English

13. Language of Assessment:

English

14. Assessment Details (Academic):

Coursework: 100

Exam: 0

Other: Assessments are through in-course assignments and will be largely on an individual basis

Assessment Notes:

See Section 22

15. Locations(s):

UH HATFIELD

16. Pre and Co-Requisite:

Pre-Requisite

None

Co-Req

None

Prohibited

None

17. Subject Board of Examiner/s:

BUS/MGMT/QUAL COURSES (MSE)

18. Comments

An aggregate pass must be attained

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