



Module code	OM	NQF level	5
Credit value	15	Study duration	9 weeks

Operations Management

This module aims to:

- Examine the role and importance that operations management plays in the success of an organisation by maximising scarce resources to produce goods and services in an efficient and cost effective way
- Address the specific areas of output planning, scheduling, quality control, process selection, design, inventory control and facilities location
- Develop the knowledge and skills to make recommendations and changes to improve your existing operations within your respective organisations
- Explore some financial concepts and the use of these to make a business case for a programme or project

Learning outcomes

On completion of this module, students will be able to:

- analyse and critique operations decisions using appropriate information and resources
- critically compare operations management systems of world class producers
- understand and evaluate requirements for effective inventory management
- apply understanding of a control process management system
- assess the advantages and disadvantages of process specialisation and automation
- understand the techniques of cost classification and allocation
- understand a range of investment appraisal techniques
- be able to make a business case for a decision

Syllabus

- Operations management the importance for organisations
- The strategic role and objectives of operations
- Process selection and product/service design
- Supply network design, layout and choice of technology
- Demand and capacity planning and control
- Supply chain and inventory management
- Technological impact on business operations
- Project planning and control and risk management
- Managing quality and operations management

Learning and teaching methods

The learning and teaching methods for the module follow the intended online delivery strategy for the programme as a whole. The module will be delivered through the provision of specified reading materials on the virtual learning platform, which shall be supported by specified discussion forums and lecturecasts, and tutor support will be available to students via phone, email, and a fortnightly synchronous question and answer (Q&A) session.

Description of unit of assessment	Length/Duration	Submission date	Weighting
Discussion contribution	2 weeks	End of Unit 2 and Unit 6	20%
Mid-module assignment	1,500-2,000 words	End of Unit 4	30%
End of module project	1,500-2,000 words	End of Unit 9	30%
Journal entries	300-500 words	Bi-weekly submission	20%