

MODULE DESCRIPTOR

Module Title

Operations Management

Reference	BS2108	Version	4
Created	August 2021	SCQF Level	SCQF 8
Approved	July 2019	SCQF Points	15
Amended	August 2021	ECTS Points	7.5

Aims of Module

To provide an understanding of the principles and practices of Operations Management. To develop student's knowledge on the concepts systems and strategies relevant to operations management and develop an ability to analyse and solve problems associated with operational environments.

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

- 1 Understand the principles of operations management and be able to distinguish between the different aspects of operations management practice.
- 2 Evaluate the concepts, systems and strategies relevant to operations management.
- 3 Interpret problems associated with operations and apply operational tools and techniques to analyse such problems to improve performance.

Indicative Module Content

The module will cover the role and function of Operations, Manufacturing and Service Operations, Operations Strategy, Quality Management, Supply Chain Management, Logistics, Capacity, Inventory, Improvement and Measurement Techniques, Project Management, Lean, Just-in-time, Planning and Control Systems, Design, Facility Location and Layout.

Module Delivery

The module will include lectures, tutorials, case studies, computer workshops, directed self-study and private study.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	36	N/A
Non-Contact Hours	114	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	N/A
<i>Actual Placement hours for professional, statutory or regulatory body</i>		

ASSESSMENT PLAN

If a major/minor model is used and box is ticked, % weightings below are indicative only.

Component 1

Type:	Coursework	Weighting:	100%	Outcomes Assessed:	1, 2, 3
Description:	Report				

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

Component 1 comprises 100% of the module grade. To pass the module, a D grade is required.

Module Grade	Minimum Requirements to achieve Module Grade:
A	A
B	B
C	C
D	D
E	E
F	F
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	None in addition to course entry requirements or equivalent.
Corequisites for module	None.
Precluded Modules	None.

INDICATIVE BIBLIOGRAPHY

- 1 BARNES, D., 2018. *Operations management: an international perspective*. London: London: Red Globe Press.
- 2 HEIZER, J. and RENDER, B., 2016. *Principles of operations management*. 12th ed. Harlow: Pearson Education.
- 3 NAYLOR, J., 2002. *Introduction to operations management*. 2nd ed. Harlow: Financial Times Press.
- 4 SLACK, N., CHAMBERS, S. and JOHNSTON, R., 2010. *Operations management*. 6th ed. Harlow : Financial Times Prentice Hall. *ebook*
- 5 SLACK, N., BRANDON-JONES, A. and BURGESS, N., 2023. *Essential of operations management*. Harlow: Pearson Education Limited.