

Operations and Information Systems Management

Module Code:	OIM4002-B
Academic Year:	2018-19
Credit Rating:	20
School:	School of Management
Subject Area:	Operations and Information Management
FHEQ Level:	FHEQ Level 4

Pre-requisites:

Co-requisites:

Contact Hours

Type	Hours
Lectures	24
Tutorials	24
Directed Study	152

Availability Periods

Occurrence	Location/Period
ONA	College of Banking and Financial Studies, Oman / Academic Year (Sept -
BDA	University of Bradford / Academic Year (Sept - May)

Module Aims

This module is designed to enable students to:

1. Appreciate the real life applicability and use of Operations Management and Information Systems in contemporary operations, both manufacturing and services.
2. Become aware of key themes within Operations and Information Systems which they can identify with.
3. Enhance their understanding of the role played by information systems in the production of manufactured goods and service good production and delivery.

Outline Syllabus

Information Systems and Operations Management – their place and purpose within a working environment

General systems thinking

Design – an operational and information system perspective

Job Design – examining the role of the worker as a unit of resource

Capacity planning and control - an operational and information system perspective

Quality management systems

Interim Review and contextualisation

Quality assurance systems

Technology - an operational and information system perspective

Developing process technology

IS modelling

New trends and challenges in OM and IS

Final Review and contextualisation

Module Learning Outcomes

On successful completion of this module, students will be able to...

- 1
 - a) examine the concepts of operations and information systems management as applied in business today
 - b) critically evaluate the role of OISM in product and service design and delivery
 - c) clearly define the need for OISM in business to maintain competitive advantage in the marketplace
- 2
 - a) apply simple operational techniques in addressing operational/management related problems in a structured manner
 - b) evaluate multiple sources of academic and professional information to comprehend fully the applicability of the subject matter (textbooks, journal articles, media clips, online resources, etc.)
- 3
 - a) enhance your interpretative and analytical skills through tutorial sessions and formative and summative assessment
 - b) develop team-working and technical skills through student-led tutorial sessions and use of MCQs, the virtual learning environment and external links to relevant sources of supporting data

Learning, Teaching and Assessment Strategy

Formal taught sessions will be supported by online resources and specific support from sponsoring organisations as appropriate. Lectures will explore current concepts and theories applicable to both disciplines of Operations Management and Information Management. These sessions will introduce students to real life situations and thinking, which will be complemented by student-led tutorial sessions some of which will be on line. Both sessions will provide students with opportunity to appreciate and use the information as applied to contemporary operational issues (Learning Outcomes 1.1, 1.2, 3.1 and 3.2). The lectures will be complemented and enhanced by multi-media sources demonstrating the applicability of the material to businesses today (Learning Outcomes 1.1, 1.2, 1.3 and 2.2). Directed study will encourage students to read a broader range of sources to deepen their

understanding of the subject matter from relevant credible sources and agreed work based tasks (Learning Outcomes 2a, 2b and 3a). This will be facilitated by the directed reading list but also provision of external links and documents on the VLE site. Technical skills will be strengthened through work based tasks and regular access to the virtual learning system (Learning Outcome 3b).

Students are introduced to concepts such as Corporate and Social Responsibility and Sustainability/Reverse logistics in the course of this module so it supports the ESD agenda in both teaching and tutorial discussions

The assessment for this module is via two assignments carried out individually by students . One assessment activity will assess the students understanding and the other their ability to apply their knowledge in the work place. (Learning Outcomes 1a, 1b, 1c, 2a, 3a and 3b).

Mode of Assessment

Type	Method	Description	Length	Weighting	Final Assess'
Summative	Coursework	2000 word assignment	0-2000 words	50%	Yes
Summative	Coursework	2000 word assignment	0-2000 words	50%	No

Legacy Code (if applicable)

MAN0132L

Reading List

To view Reading List, please go to [rebus:list](#).