

MODULE DESCRIPTOR

Module Title

Quality, Environmental and Sustainable Management Systems

Reference	BSM521	Version	7
Created	May 2021	SCQF Level	SCQF 11
Approved	July 2018	SCQF Points	15
Amended	August 2021	ECTS Points	7.5

Aims of Module

To promote an understanding of the contribution of quality and environmental management systems to the achievement of organisational effectiveness.

Learning Outcomes for Module

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

- 1 Critically assess the role and rationale behind quality and environmental management systems like ISO 9000 and ISO 14000 within organisations.
- 2 Critically evaluate the key requirements of ISO 9000 and ISO 14000 and be able to practice a range of advanced and specialised skills for the preparation of procedures and the completion of internal quality audits.
- 3 Critically evaluate the relationship between the establishment and maintenance of systems like ISO 9000, ISO 14000 and TQM and the achievement of improvement in organisations.
- 4 Synthesise the current operational and strategic issues in relation to quality, environmental and sustainable management systems; including proposed revisions and recent developments.

Indicative Module Content

The module will examine the following: the principles of quality management systems; quality assurance; quality control and quality improvement; quality system strategies; quality and environmental system requirements; implementing quality systems; the assessment process including first, second and third party assessments; beyond ISO 9000 and ISO 14000; TQM; integrated and single management systems; quality system developments and sustainability.

Module Delivery

On-Campus Mode: The module is delivered in On Campus Mode by lectures, interactive group work, case study tutorials and directed self-study. Online Mode: The module is delivered in Online Mode by self directed asynchronous learning from web-based learning materials, supported by synchronous seminars and/or on-line support.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	36	36
Non-Contact Hours	114	114
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	150
<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, 4
Description:	Coursework				

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.
Corequisites for module	None.
Precluded Modules	None.

INDICATIVE BIBLIOGRAPHY

- HOYLE, D., 2018. *ISO 9000 quality systems handbook*. 7th ed. Abingdon: Routledge. *ebook*
- DENTCH, M.P., 2016. *The ISO 14001:2015 Implementation Handbook*. Milwaukee: ASQ Quality Press