

Module Title Quality, Environmental and Sustainable Management Systems	Reference BSM521 SCQF SCQF Level 11 SCQF Points 15 ECTS Points 7.5 Created May 2002 Approved August 2013 Amended September 2014 Version No. 5
Keywords Quality, Quality Management Systems, ISO 9000, ISO 14000, The Standard, Quality Improvement, Sustainability.	

This Version is No Longer Current

The latest version of this module is available [here](#)

Prerequisites for Module	Indicative Student Workload	Full Time	Distance Learning
None in addition to SCQF 11 entry qualifications or equivalent.	<i>Contact Hours</i>		
	Assessment	4	0
	Lectures/Seminars/Workshops	36	0
Corequisite Modules	<i>Directed Study</i>		
	Directed Study	60	100
	<i>Private Study</i>		
None.	Private Study	50	50
Precluded Modules	Mode of Delivery		
None.	Taught Mode (T)		
Aims of Module	The module is delivered in Taught Mode by lectures, interactive group work, case study tutorials and directed self-study.		
	Distance Learning Mode (DL)		
To promote an understanding of the contribution of quality and environmental management systems to the achievement of	The module is delivered in Distance Learning Mode by self directed learning from paper-based or web-based learning materials, supported by seminars and/or on-line support.		

organisational effectiveness.

Assessment Plan

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 14001 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. Evaluate the relationship between the establishment and maintenance of systems like ISO 9000, ISO 14001 and TQM and the achievement of improvement in organisations.

	Learning Outcomes Assessed
Component 1	1,2,3,4

Report which asks students to undertake an assessment of a quality management system, evaluate the relationship between a QMS and improvement and synthesise current operational and strategic issues in quality and environmental management systems.

Indicative Bibliography

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

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.

