**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 assesments; 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 |
| *Actual Placement hours for professional, statutory or regulatory body* | | | |

## 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

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