

MODULE DESCRIPTOR

Module Title

Strategic Operations Management: Oil & Gas

| | | | |
|-----------|----------------|-------------|---------|
| Reference | BSM659 | Version | 6 |
| Created | May 2022 | SCQF Level | SCQF 11 |
| Approved | September 2018 | SCQF Points | 15 |
| Amended | June 2022 | ECTS Points | 7.5 |

Aims of Module

To enable managers in the oil and gas sector to understand the fundamental importance of operations management; to understand the relationships between stakeholder needs, organisational objectives and operational strategies; to analyse a range of strategic options available to operations decision-makers; to appraise and select the most appropriate sustainable operational strategies; to critically analyse the performance of organisations from an operations perspective.

Learning Outcomes for Module

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

- 1 Analyse organisations and stakeholder needs to clearly understand what is required for gaining competitive advantage.
- 2 Critically apply corporate objectives into coherent operational strategies, with reference to the design of products, services, processes and systems.
- 3 Critically appraise appropriate options, from a range of alternatives, that can deliver a sustainable operational strategy.
- 4 Critically appraise projects from a strategic perspective and apply a range of associated tools and techniques.
- 5 Evaluate problems, conduct research and develop solutions for a range of operational situations.

Indicative Module Content

Defining operations strategy; analysing operations; integrating corporate objectives and operations strategy; design in operations; capacity strategies; project management; operations improvement strategies; supply networks; global issues; technology in operations; sustainable strategies.

Module Delivery

Taught Mode (T) The module is delivered in taught mode by lectures, interactive group work, case study tutorials and directed self-study. Distance Learning Mode (DL) The module is delivered in DL mode by self directed learning from web-based learning materials, with on-line support.

Indicative Student Workload

| | Full Time | Part Time |
|--|-----------|-----------|
| Contact Hours | 30 | 30 |
| Non-Contact Hours | 120 | 120 |
| 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, 5

Description: Coursework C1 100% weighting

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. |

ADDITIONAL NOTES

The module uses a comprehensive list of supplementary texts and Journal sources, for example; International Journal of Operations and Production Management, Journal of Operations Management, International Journal of Quality and Reliability Management, International Journal of Purchasing Management, The Project Management Journal.

INDICATIVE BIBLIOGRAPHY

- 1 SLACK, N. and LEWIS, M., 2019. *Operations strategy*. 6th ed. Harlow: FT Prentice Hall. *ebook*