

MODULE DESCRIPTOR

Module Title

Risk and Safety Management

| | | | |
|-----------|-------------|-------------|---------|
| Reference | SUM001 | Version | 7 |
| Created | April 2023 | SCQF Level | SCQF 11 |
| Approved | August 2013 | SCQF Points | 15 |
| Amended | June 2023 | ECTS Points | 7.5 |

Aims of Module

To develop a professional working understanding of the principles and applications of risk and safety management as they apply in project management.

Learning Outcomes for Module

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

- 1 Analyse risk in specific case-study situations.
- 2 Evaluate risk-driven management decisions.
- 3 Appraise risk management techniques chosen for specific situations.
- 4 Make informed judgements on Health, Safety and Environmental issues and policy within projects and be aware of legislative and statutory requirements.

Indicative Module Content

Concepts of risk and risk management in the context of project management. Quantitative and qualitative techniques for risk analysis, management tools of probabilistic risk assessment, risk identification and analysis, the individual's attitude towards risk, risk containment. Sensitive projects and risk. Integration of Health, Safety and Environmental (HSSE) policies into project plans, relationship with legislation and the duty of care, HSSE performance monitoring, audit and management review. Organisational structures and responsibilities for risk and HSSE management.

Module Delivery

The module is taught via 2 modes: Taught Mode (T). The module is delivered in taught mode by lectures, interactive group work, case study tutorials and directed self-study. Blended Learning Mode. The study materials will be available on CampusMoodle and support will be available online.

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: | An individual written piece of work. | | | | |

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

This module has a single assessment and a Grade D is required to pass the module.

| 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

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|--------------------------|---|
| Prerequisites for Module | None, in addition to course entry requirements. |
| Corequisites for module | None. |
| Precluded Modules | None. |

INDICATIVE BIBLIOGRAPHY

- 1 Spencer, D., Jerman, C. 2019. Risk-Led Safety: Evidence-Driven Management, Second Edition. Taylor Francis.
- 2 Lacey, J. (Ed), 2015. A Guide to the Management of Construction Health and Safety Risk. 4th ed. RMS Publishing.
- 3 Ogunlana, S.O., Dey, P.K.(Eds) 2020 Risk Management in Engineering and Construction. Routledge, Oxon.