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## MODULE DESCRIPTOR

### Module Title

Risk and Safety Management

Reference	SUM001	Version	4
Created	May 2017	SCQF Level	SCQF 11
Approved	August 2013	SCQF Points	15
Amended	December 2017	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 Define risk in the context of project management.
- 2 Identify, analyse and critically assess risk in specific case-study situations.
- 3 Develop and justify risk-driven management decisions.
- 4 Implement and monitor risk management techniques chosen for specific situations.
- 5 Integrate and manage 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 delivered in Taught Mode by lectures, interactive group work, case study tutorials and directed self-study. The module is delivered in Distance Learning Mode by self directed web-based learning materials, supported by on-line tutorial support.

**Indicative Student Workload**

	Full Time	Part Time
Contact Hours	36	70
Non-Contact Hours	114	80
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:	40%	Outcomes Assessed:	1, 2
Description:	Normally a longitudinal assessment involving topic discussion forums for distance learning students or group work for full time students (20%) and a group presentation (20%).				

**Component 2**

Type:	Coursework	Weighting:	60%	Outcomes Assessed:	3, 4, 5
Description:	An individual written piece of work.				

**MODULE PERFORMANCE DESCRIPTOR****Explanatory Text**

In order to pass the module students must achieve 40% or greater in each component.

Module Grade	Minimum Requirements to achieve Module Grade:
<b>A</b>	70% or greater
<b>B</b>	60% or greater
<b>C</b>	50% or greater
<b>D</b>	40% or greater
<b>E</b>	35% or greater
<b>F</b>	Less than 35%
<b>NS</b>	Non-submission of work by published deadline or non-attendance for examination

**Module Requirements**

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.