

MODULE DESCRIPTOR

Module Title

Risk Management and Supply Chain Vulnerability

Reference	SUM407	Version	2
Created	May 2017	SCQF Level	SCQF 11
Approved	June 2012	SCQF Points	15
Amended	December 2017	ECTS Points	7.5

Aims of Module

To develop a capacity to critically review the principles and applications of risk and vulnerability management in the context of commercial environments. To develop and create mitigation methodologies for the prevention and limitation of vulnerability in the context of risk and the supply chain.

Learning Outcomes for Module

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

- 1 Define risk and vulnerability in the context of energy production, environmental disaster and business sustainability relevant to commercial management projects.
- 2 Analyse risk assessment and mitigation strategies in specific situations.
- 3 Critically appraise risk transference (liabilities and indemnities regimes regarding gross negligence and wilful misconduct, etc.) and vulnerability driven management decisions.
- 4 Implement and monitor appropriate management techniques relevant to specific situations.

Indicative Module Content

Risk definition in the context of commercial management; Risk Identification & Assessment - techniques and tools; Risk considerations at outset before choice of contractual approach or in-progress adjustments to forms of contract; Develop and justify risk-driven management decisions; Supply Chain Vulnerability and risk response strategies; Risk management processes and procedures; Risk analysis techniques. Risk transference strategies including insurance. Health and Safety philosophy. Industry based, real world case studies and scenarios illustrating macro and micro-level risks, and approaches to their management.

Module Delivery

The module is delivered in Distance Learning Mode by self directed web-based learning materials supported by on-line tutorial support and discussion forums.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	N/A	70
Non-Contact Hours	N/A	80
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	N/A	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, 3
Description:	Normally a longitudinal assessment involving topic discussion forums (20%) and a group presentation (20%).				

Component 2

Type:	Coursework	Weighting:	60%	Outcomes Assessed:	3, 4
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:
A	70% or greater
B	60% or greater
C	50% or greater
D	40% or greater
E	35% or greater
F	Less than 35%
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	None in addition to course entry requirements or equivalent.
Corequisites for module	None.
Precluded Modules	None.

ADDITIONAL NOTES

This module is a core part of the MSc Commercial Practice for the Energy Sectors. The module may be taken as a stand-alone study package.

INDICATIVE BIBLIOGRAPHY

- 1 Merna, T., Al-Thani, F, F., 2011. Corporate risk management (2nd ed.). John Wiley and Sons Ltd., Chichester.
- 2 Wu, T., Blackhurst, J., 2009. Managing supply chain risk and vulnerability: Tools and methods for supply chain decision-makers. Springer, London.
- 3 Bernstein, P.L., 1998. Against the Gods: The remarkable story of risk. Wiley, London.
- 4 Harrington, L., Boyson, S., Corsi, 2011. T. X-SCM: The New Science of Extreme Supply Chain Management. Routledge, New York.