

MODULE DESCRIPTOR

Module Title

The Safety Framework

Reference	BSM829	Version	5
Created	August 2021	SCQF Level	SCQF 11
Approved	November 2018	SCQF Points	30
Amended	September 2021	ECTS Points	15

Aims of Module

To evaluate and comprehend the links between risk and accident in the safe management of organisations.

Learning Outcomes for Module

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

- 1 To critically analyse various hazard analysis techniques used in industry and evaluate the impact of these on contemporary Safety Management Systems.
- 2 To critically evaluate common risk assessment techniques including human/personal and organisational strategies.
- 3 To critically analyse the importance of accident investigation and its relationship to the management of health, safety and risk.
- 4 To identify and critically evaluate a variety of accident reporting and statistical analysis techniques.

Indicative Module Content

Statistical analysis methods, statistical functions, trend analysis, mean, mode, median, bar charts, graphs; Root cause analysis, why trees, fishbone digrams; Interviewing techniques, casualty management, trauma management; Witness statements, evidence evaluation; Hazard analysis incorporating identification of hazards, assessing and managing risk, job hazard analysis; Ergonomics, personal hazards, PPE, security, terrorism and major accident hazards, organisational fitness, corporate and social responsibility; Safe systems of work, organisational maturity.

Module Delivery

This module will be delivered using a variety of methods, focussing primarily on student-centred learning. This will include lectures, seminars, tutorials and workshops with a strong emphasis on student participation. Students will achieve this through access to a range of materials to facilitate their learning, including online topic guides, presentations and tutorials, plus exercises, group-work areas and discussion fora.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	N/A	72
Non-Contact Hours	N/A	228
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	N/A	300
<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:	Presentation.				

Component 2

Type:	Coursework	Weighting:	60%	Outcomes Assessed:	3, 4
Description:	Report				

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

The calculation of the overall grade for this module is based on 40% weighting of C1 (horizontal axis) and 60% weighting of C2 (vertical axis) components. An overall minimum grade D is required to pass the module.

		Coursework:						
		A	B	C	D	E	F	NS
Coursework:	A	A	A	B	B	C	E	
	B	B	B	B	C	C	E	
	C	B	C	C	C	D	E	
	D	C	C	D	D	D	E	
	E	C	D	D	E	E	E	
	F	E	E	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 BOYLE, T., 2012. *Health and safety: risk management*. 4th ed. Wigston: IOSH Services.
- 2 RIDLEY, J. and CHANNING, J., 2008. *Safety at work*. 7th ed. Amsterdam: Elsevier/Butterworth-Heinemann. *ebook*
- 3 HEALTH AND SAFETY EXECUTIVE, 1999. *Reducing error and influencing behaviour. (Health and Safety Executive guidance note HSG48)*. Sudbury: HSE Books.
- 4 HEALTH AND SAFETY EXECUTIVE, 2013. *Managing for health and safety. HSG65*. London: HSE Books.
- 5 RUMSEY, D. J., 2011. *Statistics for dummies*. 2nd ed. HOBOKEN, NJ: Wiley.