

MODULE SPECIFICATION FORM

Module Title: Health and Safety Management	Level 6	Credit Value: 20
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Module code: AUR608	Cost Centre: GABE	JACS3 code: K900
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Trimester(s) in which to be offered: 1 & 2	With effect from: September 2015
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<i>Office use only:</i> To be completed by AQSU:	Date approved: September 2015 Date revised: - Version no: 1
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Existing/New: New	Title of module being replaced (if any):
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Originating Academic School:	Applied Science, Computing and Engineering	Module Leader: Louise Duff
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Module duration (total hours) 200	Status: core/option (identify programme where appropriate): Core: BSc (Hons) Architectural Design Technology BSc (Hons) Construction Management Option: BSc (Hons) Facilities Management
Scheduled learning & teaching hours 48	
Independent study hours 152	
Placement hours 0	

Programme(s) in which to be offered: BSc (Hons) Architectural Design Technology BSc (Hons) Construction Management BSc (Hons) Facilities Management (Option)	Pre-requisites per programme (between levels): None
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Module Aims:

To enable the student to develop an awareness of construction and industrial safety systems and procedures relating to current legislation and to recognise and mitigate the risks to health and safety in construction.

The module will provide the student with skills and professional attributes of risk assessment and health and safety management that are consistent with effective practice within a construction based environment.

Intended Learning Outcomes:**At the end of this module, students will be able to ...**

1. Review the significant legislation affecting the design, construction, maintenance and demolition of a project (KS4,KS5,KS6)
2. Describe the legal obligations and roles and responsibilities placed on all project participants and determine what steps must be taken to ensure compliance with these legal obligations.(KS1,KS3,KS4,KS6,KS8)
3. Analyse a case study and produce documents to comply with specific Health and Safety legislation. (KS1,KS3,KS4,KS10)

Key skills for employability

1. Written, oral and media communication skills
2. Leadership, team working and networking skills
3. Opportunity, creativity and problem solving skills
4. Information technology skills and digital literacy
5. Information management skills
6. Research skills
7. Intercultural and sustainability skills
8. Career management skills
9. Learning to learn (managing personal and professional development, self-management)
10. Numeracy

Assessment:

1. A report where students will be asked to provide an overview of the significant Health and Safety legislation and the roles and responsibilities of the parties and legal compliance.
2. A case study in which students will be required to produce documentation which relates to a Lead-Designers Pre-Construction Health and Safety Plan, the Construction Health and Safety Plan and the Client's Health and Safety file.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting	Duration (if exam)	Word count (or equivalent if appropriate)
1	1 & 2	Report	50%		2000
2	3	Case Study	50%		2000

Learning and Teaching Strategies:

Lectures will be used to teach the principles of the regulations, the duties of function holders, will define the purpose of all documentation required, explain the history of the development of the regulations and outline the legal responsibilities of the various parties.

Group discussions will be used to evaluate strategies available for the management of projects and routine activities.

Tutorials will be used to undertake practical exercises to develop the ability to advise on appropriate methods of developing documentation e.g. Pre-Tender Health and Safety Plan, Risk Assessment, Method Statement, Permits to work, Health and Safety Plan, and Health and Safety File, all within the guidelines of the Approved Codes of Practice.

Syllabus outline:

- The significant Health and Safety legislation with regard to the legal obligations and individual responsibilities imposed on duty holders.
- The roles of Risk Assessments and Method Statements and Safe Systems of Work in the management of Health and Safety in complex construction projects.
- A critical appreciation of the development of the Pre-tender Health and Safety Plan, Construction Health and Safety Plan, and the requirement and purpose of the Health and Safety File, defining the function and content.
- The risks in lone working and those relating to surveying. Inspecting buildings, fieldwork, meeting previously unknown clients, conducting viewings, occupied and vacant buildings and those in disrepair.

Bibliography:

Essential reading:

Statutory Instrument. (2015) *The Construction (Design and Management) Regulations*. London: HMSO.

Mordue, S, Finch, R. (2014) *BIM for Construction and Health and Safety*. Newcastle upon Tyne: RIBA Publishing.

Hughes, P, Ferrett, E.(2006) *Introduction to Health and Safety in Construction*. Oxford: Butterworth Heinemann.

Other indicative reading:

Appropriate Codes of Practice Health and Safety Executive

Latham, M. (1994). *Constructing the Team*. London: HMSO

Egan, J. (1998). *Rethinking Construction*. London: HMSO

Other sources:

www.hse.gov.uk

www.ciat.org.uk

www.ciob.org.uk

www.ice.org.uk

www.riba.org.uk

www.cih.org

www.ihsti.com

Plus reading as directed in the Module guide.