

## Liverpool John Moores University

Title: ADVANCED HEALTH AND SAFETY  
Status: Definitive  
Code: **4605BECC** (125596)  
Version Start Date: 01-08-2021

Owning School/Faculty: Civil Engineering and Built Environment  
Teaching School/Faculty: Coleg Cambria

Team	Leader
Raj Shah	Y

**Academic Level:** FHEQ4      **Credit Value:** 20      **Total Delivered Hours:** 56  
**Total Learning Hours:** 200      **Private Study:** 144

### Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	20
Tutorial	20
Workshop	14

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	AS1	Portfolio 3000 words	50	
Exam	AS2	Examination	50	2

### Aims

*The module is designed for all those involved in the planning, design, procurement and implementation of construction projects.*

*Its purpose is to encourage an awareness of the need for an active health and safety culture throughout the construction process based on the principles of prevention and protection.*

*To investigate the main health and safety and environmental legislation in the*

*construction industry, its impact and enforcement.*

*To identify hazards and risks in construction and analyse the control mechanisms put in place*

## **Learning Outcomes**

After completing the module the student should be able to:

- 1 Analyse the main health and safety legislation in the construction industry, its impact and enforcement.
- 2 Identify hazards and risks in construction and analyse the control mechanisms put in place.
- 3 Analyse environmental legislation, its impact and enforcement on the construction industry.
- 4 Evaluate issues associated with the environmental impact of buildings.

## **Learning Outcomes of Assessments**

The assessment item list is assessed via the learning outcomes listed:

Portfolio 3000 words	2		
Examination	1	3	4

## **Outline Syllabus**

*Health and safety legislation impacting on the construction industry.*

*Health and Safety at Work Management*

- *The planning, monitoring and reviewing of management systems and policies that underpin a positive workplace health and safety culture.*
- *The key aspects of the occurrence of workplace injuries, including triggers, investigation and prevention.*

*Fundamental Legislative Arrangements*

- *The key principles and components of legislation and other information resources that aim to reduce health and safety workplace risk, inform decision-making and maintain a safe working environment.*
- *The role of regulators and regulatory practice including approaches to enforcement, the impact this may have on business and the protection it affords vulnerable employees.*
- *Recognition of the business viewpoint and the systems in place to maintain a proportionate, targeted and consistent approach.*

*Hazard and Risk*

- *Identification, assessment and control of physical workplace hazards and associated risks including quantitative/qualitative aspects and impact on both employee and public safety.*
- *Identification, assessment and control of workplace hazards that pose a risk to and lead to conditions that impact on human health.*

*Partnership working*

- *The range of stakeholders that have a role in collaborating to reduce workplace risk and promote health and wellbeing.*
- *An appreciation of workplace consultation to inform decision-making and development /maintain a health and safety culture.*

## **Learning Activities**

Learning for this module will involve active student participation in lectures, group work, and action learning sets in the discussion of subjects within the module.

## **Notes**

This module will enable learners to gain an understanding of the risks associated with construction work, legislation that has been introduced to reduce site based accidents and processes that can be undertaken in the field, to ensure legislation is adhered to and site workers can undertake their roles in a safe environment.