

Liverpool John Moores University

Title: Workplace Safety
Status: Definitive
Code: **7575RTC** (120408)
Version Start Date: 01-08-2019

Owning School/Faculty: Maritime and Mechanical Engineering
Teaching School/Faculty: Risktec Solutions

Team	Leader
Alan Wall	Y

Academic Level: FHEQ7
Credit Value: 10
Total Delivered Hours: 16.5
Total Learning Hours: 100
Private Study: 83.5

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	8
Online	.5
Tutorial	8

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	An essay question comprising several component parts, based around a case study, up to 4,000 words long.	95	
Test	AS2	Individual and group activities e. g. quiz, forum	5	

Aims

*To enable students to:
Understand workplace hazards and systems for controlling them.
Devise documentation for the management of workplace hazards.*

Examine the benefits of workplace hazard management systems.

Learning Outcomes

After completing the module the student should be able to:

- 1 Deconstruct the workplace hazard risk management process into its constituent components
- 2 Apply appropriate techniques to develop documentation for workplace safety
- 3 Critically analyse trends in workplace hazard management
- 4 Apply the concept of tolerability of risk and As Low As Reasonably Practicable (ALARP) to workplace hazard management.

Learning Outcomes of Assessments

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

4000 word essay	1	2	3	4
Individual and group work	1	3		

Outline Syllabus

Workplace hazards
Drivers for managing workplace safety
Construction site safety
Hazardous substance control
Manual handling
Task Risk Assessment (TRA)
Risk control measures
Hazardous zones
Safe Systems of Work
Permit to Work
Behavioural safety
Personal Protective Equipment (PPE)
ALARP considerations

Learning Activities

A combination of lectures, exercises and supported self study.

Notes

The aim of this module is to provide an appreciation of workplace hazards, the systems for controlling them and the drivers for the need for continuous improvement in workplace safety. Task risk assessment, Permit to Work, behavioural safety systems and hazardous area classification are studied, as are personal protective

equipment and management of hazardous chemicals and goods.

Assessment is in the form of an essay combined with activities (e.g. exercises, discussions, etc.). The delivery modes for the module elements are explained below.

Lecture (using slides and notes): will be delivered by classroom based teacher (face to face) or online self-study (distance learning) or mixture of the two (blended learning).

Tutorial/Activities (exercises and reviews): will be delivered by classroom based teacher (face to face) or online activities with teacher feedback/virtual classroom (distance learning) or mixture of the two (blended learning).

Tutor supported online: will be delivered by email support prior to assessment submission (face to face) or tutor feedback activities, virtual classrooms and email support (distance learning) or mixture of the two (blended learning).