

Liverpool John Moores University

Title: Safety / HSE Cases
Status: Definitive
Code: **7527RSKDL** (118787)
Version Start Date: 01-08-2019

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

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

Delivery Options

Course typically offered: Runs Twice - S1 & S2

Component	Contact Hours
Lecture	8
Online	.5
Tutorial	8

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	Essay		95	
Reflection	Test&Refl		5	

Aims

To illustrate the purpose of a Safety / HSE Case and to develop an understanding of typical safety case contents and structure

Learning Outcomes

After completing the module the student should be able to:

- 1 Critically review the reasons for having Safety/HSE Cases in regulatory and non-regulatory environments
- 2 Analyse the role of the safety/HSE Case in safety/HSE management
- 3 Design the contents of a case
- 4 Devise a plan for the production of a safety/HSE Case
- 5 Evaluate example Safety/HSE Cases to determine their fitness for purpose

Learning Outcomes of Assessments

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

Essay	2	3	4	5
Online test & Reflection	1			

Outline Syllabus

Historical drivers

Legal Requirements - UK, Europe, worldwide

Company and industry body requirements

Differing types of case by project phase (e.g. PSR, PCSR, design, operational, decommissioning)

Safety/HSE Case structure and approach by industry

** nuclear*

** offshore oil and gas*

** onshore process*

** transport*

** others*

Bridging documents

Links between the case and supporting studies

Links between the case and the management system

Documentation and management / maintenance of the Safety / HSE Case

Roll-out and implementation - keeping the case as a working document

Bibliography, sources of further study and common abbreviations

Module conclusions and close out

Learning Activities

A combination of slides and notes, exercises, discussions, interactive web activities and supported self study.

Notes

The aim of this module is to explain the purpose of a Safety / HSE Case and provide an understanding of the case content and structure. This includes historical drivers,

legal requirements and company and industry body requirements. The differing types of safety / HSE case and different industry approaches are discussed. Links between the case and supporting studies and between the case and the management system are studied. Documentation, maintenance, roll-out and implementation are also reviewed.

The assessment for this module is an essay combined with online activities (e.g. tests, discussions etc.).