

## Liverpool John Moores University

Title: SAFETY / HSE CASES  
Status: Definitive  
Code: **7527ENGRSK** (113893)  
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  
**Total Learning Hours:** 100      **Private Study:** 84

### Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	12
Tutorial	4

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Coursework Case Study. Approx 2000-3000 words	100	

### Aims

*To explain the purpose of a Safety / HSE Case and provide an understanding of the case content 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:

case study	1	2	3	4	5
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## 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*

## Learning Activities

A combination of lectures, group exercises and individual exercises.

## 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 and 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 and maintenance and roll-out and implementation are also looked at.

The assessment for this module is coursework.

