

## Liverpool John Moores University

Title: Research Methods in Risk and Safety Management  
Status: Definitive  
Code: **7093RTC** (127359)  
Version Start Date: 01-08-2021  
  
Owning School/Faculty: Engineering  
Teaching School/Faculty: Engineering

Team	Leader
Ben Matellini	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:** 50 %

### 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 2,500 words long.	95	
Test	AS2	Individual and group activities e. g. quiz, forum.	5	

### Aims

*To provide a theoretical background for conducting postgraduate project work.*

## Learning Outcomes

After completing the module the student should be able to:

- 1 Communicate findings, in an accepted format.
- 2 Assess previous research completed in an area.
- 3 Critically appraise research data and assimilate, integrate and discuss in a logical way.
- 4 Demonstrate compliance with appropriate ethical standards related to any research undertaken.
- 5 Produce an appropriate project description and specification.

## Learning Outcomes of Assessments

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

Essay	1	4	5
Test	2	3	

## Outline Syllabus

*Study skills review*

*Introduction 'Why do research?'*

*Defining the research problem*

*Literature search and review techniques*

*Research methodologies including statistical techniques, questionnaires and interviewing*

*Project analysis and design*

*Ethics in research*

*Project planning*

*Time management*

*Gantt charts*

*Presentation skills*

## Learning Activities

A combination of lectures, exercises and supported self study.

## Notes

This module provides a valuable opportunity for graduates to acquire necessary skills and training to conduct research at post graduate level. This includes giving the student the opportunity to develop ideas for project and engage with potential supervisors.

Assessment is in the form of an essay combined with activities (e.g. exercises, discussions, etc.).

The module is delivered via distance learning, described as follows:

Lecture (using slides and slide notes): Online self-study

Tutorial/Activities (Exercises and reviews): Online activities with teacher feedback, and virtual classrooms

Tutor-supported Online: Tutor feedback for activities, virtual classrooms and email support