Research Methods in Risk and Safety Management

Module Information

2022.01, Approved

Summary Information

Module Code	7093RTC
Formal Module Title	Research Methods in Risk and Safety Management
Owning School	Engineering
Career	Postgraduate Taught
Credits	10
Academic level	FHEQ Level 7
Grading Schema	50

Teaching Responsibility

LJMU Schools involved in Delivery
Engineering

Learning Methods

Learning Method Type	Hours
Lecture	8
Online	1
Tutorial	8

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-PAR	PAR	September	12 Weeks

Aims and Outcomes

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

After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Communicate findings, in an accepted format.
MLO2	2	Assess previous research completed in an area.
MLO3	3	Critically appraise research data and assimilate, integrate and discuss in a logical way.
MLO4	4	Demonstrate compliance with appropriate ethical standards related to any research undertaken.
MLO5	5	Produce an appropriate project description and specification.

Module Content

Outline Syllabus	Study skills reviewIntroduction 'Why do research?'Defining the research problemLiterature search and review techniquesResearch methodologies including statistical techniques, questionnaires and interviewingProject analysis and designEthics in researchProject planningTime managementGantt chartsPresentation skills
Module Overview	
Additional Information	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-studyTutorial/Activities (Exercises and reviews): Online activities with teacher feedback, and virtual classrooms Tutor-supported Online: Tutor feedback for activities, virtual classrooms and email support.In this module, the knowledge learning outcomes are K1, K2, the skills learning outcomes are S1, S2, S5 and the behaviours learning outcomes are B1, B2, B3 and B4.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Portfolio	Essay	95	0	MLO1, MLO4, MLO5
Test	Test	5	0	MLO2, MLO3

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Ben Matellini	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings