

Risk Reduction and ALARP

Module Information

2022.01, Approved

Summary Information

Module Code	7595RTC
Formal Module Title	Risk Reduction and ALARP
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
APR-PAR	PAR	April	12 Weeks

Aims and Outcomes

Aims	To enable students to assess the driving forces behind different options available for risk reduction and to apply the ALARP concept to evaluating the practicability of additional risk reduction measures.

After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Identify different options available for risk reduction.
MLO2	2	Decide when risk reduction measures can best be used.
MLO3	3	Describe the concepts of "tolerability of risk" and "As Low As Reasonably Practicable (ALARP)"
MLO4	4	Apply the ALARP concept and conduct an ALARP assessment to an appropriate level of detail.

Module Content

Assessments

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

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