

Computing Investigative Project

Module Information

2022.01, Approved

Summary Information

Module Code	4541NCCG
Formal Module Title	Computing Investigative Project
Owning School	Computer Science and Mathematics
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 4
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

Learning Methods

Learning Method Type	Hours
Lecture	24
Tutorial	16
Workshop	2

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-PAR	PAR	January	12 Weeks
SEP-PAR	PAR	September	12 Weeks
SEP_NS-PAR	PAR	September (Non-standard start date)	12 Weeks

Aims and Outcomes

Aims	The aim of this module is to offer students an opportunity to demonstrate the skills required for managing and implementing a research-informed computing project. They will undertake independent research and investigation for carrying out and executing a computing project which meets appropriate aims and objectives
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Establish project aims, objectives and timeframes based on the chosen theme.
MLO2	2	Conduct information gathering and data collection to generate knowledge to support the project
MLO3	3	Present the proposed project aims and objectives
MLO4	4	Reflect on the value gained from conducting the project and communicate appropriate recommendations based on meaningful conclusions drawn from the evidence findings and/or analysis.

Module Content

Outline Syllabus	Project management• Nature and key stages of project management.Initiation of the project and project planning phaseInvestigation phase• Appropriate methods of initial information gathering, data collection and material resourcing. • Field work: Selecting a samples• Sampling approaches and techniques• Ethics, reliability and validity• Analysing information and dataProject execution• Developing the project plan • Conducting and tracking a project to planned timescales and deliverables Communicating outcomes• Report writing to professional standards• Developing evaluative conclusions. • Critical and objective analysis and evaluation.Reflection for learning and practice• The difference between reflecting on performance and evaluating a project
Module Overview	
Additional Information	

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Presentation	Proposal Presentation	30	0	MLO3
Report	Project Report	70	0	MLO1, MLO2, MLO4

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Bob Askwith	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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