

## Liverpool John Moores University

Title: COMPUTING INVESTIGATIVE PROJECT  
Status: Definitive  
Code: **4541NCCG** (129503)  
Version Start Date: 01-08-2021

Owning School/Faculty: Computer Science and Mathematics  
Teaching School/Faculty: Nelson Campus

Team	Leader
Robert Askwith	Y
Silvester Czanner	

**Academic Level:** FHEQ4      **Credit Value:** 20      **Total Delivered Hours:** 42

**Total Learning Hours:** 200      **Private Study:** 158

### Delivery Options

Course typically offered: S1, S2 and NS2 (S2 for Jan)

Component	Contact Hours
Lecture	24
Tutorial	16
Workshop	2

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	Proposal	Proposal Presentation (15 mins + Q&A)	30	
Report	Report	Project Report	70	

### 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*

## Learning Outcomes

After completing the module the student should be able to:

- 1 Establish project aims, objectives and timeframes based on the chosen theme.
- 2 Conduct information gathering and data collection to generate knowledge to support the project
- 3 Present the project and communicate appropriate recommendations based on meaningful conclusions drawn from the evidence findings and/or analysis.
- 4 Reflect on the value gained from conducting the project and its usefulness to support sustainable organisational performance.

## Learning Outcomes of Assessments

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

Proposal Presentation	3		
Project Report	1	2	4

## Outline Syllabus

### *Project management*

- *Nature and key stages of project management.*
- *Initiation of the project and project planning phase*

### *Investigation 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 data*

### *Project 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*

## **Learning Activities**

### Lectures

These will not normally be traditional didactic lectures in which the student plays little active part, but will be delivered in small groups of up to 20

### **Notes**

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