

## Group Project

### Module Information

2022.01, Approved

#### Summary Information

Module Code	5500COMECA
Formal Module Title	Group Project
Owning School	Computer Science and Mathematics
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 5
Grading Schema	40

#### Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

#### Partner Teaching Institution

Institution Name
Education Centre of Australia Pty Ltd

#### Learning Methods

Learning Method Type	Hours
Online	44

#### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-PAR	PAR	January	12 Weeks

#### Aims and Outcomes

Aims	The module aims to develop students computer science research skills. The module aims to make students aware of professional, legal and ethical issues in the context of their wider subject area. The module aims to encourage collaborative/team working.
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**After completing the module the student should be able to:**

### Learning Outcomes

Code	Number	Description
MLO1	1	Provide evidence of team working in support of a computer science task.
MLO2	2	Propose a solution to a complex computing problem.
MLO3	3	Identify ethical, professional and legal issues in a computing project.
MLO4	4	Present complex ideas in the form of a group presentation.

### Module Content

Outline Syllabus	Research Skills: Research principles and design, research questions – hypothesis, critiquing research, literature - searching, reviewing and citation, experimental methods: data collection, interpretation, quantitative and qualitative methods. Collaboration and Teamwork: managing groups, leadership, delegation, reflection, feedback, effective professional communication, documentation. Proposing Research: research planning, writing project proposals, project planning and management, academic writing: reports, essays. Professional and Legal Issues: ethics and ethical research conduct, the legal system in the UK, intellectual property rights and protection mechanisms, surveillance and automated tracking technologies, privacy and censorship, trustworthy software, risk in IT projects.
Module Overview	
Additional Information	The module has two main purposes. First, to equip students with adequate research skills and experience of working on subject-related research topics, to lead into the final year project. Second, to enhance students' professionalism, including teamworking, to enhance employability and their awareness of what is expected in an employment scenario.

### Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Portfolio	Group Project Portfolio	80	0	MLO1, MLO2, MLO3
Presentation	Group Project Presentation	20	0	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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