

## Liverpool John Moores University

Warning: An incomplete or missing proforma may have resulted from system verification processing

Title: Research and Analysis for E-Business Technology  
Status: Definitive  
Code: **5610TECYPC** (129169)  
Version Start Date: 01-08-2021  
  
Owning School/Faculty: Engineering  
Teaching School/Faculty: YPC International College (Kolej Antarabangsa YPC)

Team	Leader
Karl Jones	Y

**Academic Level:** FHEQ5      **Credit Value:** 10      **Total Delivered Hours:** 42  
**Total Learning Hours:** 100      **Private Study:** 58

### Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	24
Tutorial	18

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Report Writing (The submitted report should not exceed 2500 words, excluding references)	100	

### Aims

*This module is intended to provide students with research skills which will enable students to develop a research proposal on a topic of their choice to support the project and other research undertaken in the final year of study.*

## Learning Outcomes

After completing the module the student should be able to:

- 1 Generate research questions and objectives
- 2 Critically evaluate existing research
- 3 Propose a technological solution in a business context
- 4 Identify ethical, professional and legal issues in a research project

## Learning Outcomes of Assessments

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

Report writing	1	2	3	4
----------------	---	---	---	---

## 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.*

*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.*

*Proposal and report writing*

## Learning Activities

Theory will be introduced via lectures and practical knowledge will be acquired via tutorials, laboratory exercises and coursework.

## Notes

This module is intended to provide research skills, which will support the project and other researches undertaken in the final year of study.