

Business Systems Analysis

Module Information

2022.01, Approved

Summary Information

Module Code	6109COMP
Formal Module Title	Business Systems Analysis
Owning School	Computer Science and Mathematics
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 6
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
Computer Science and Mathematics

Learning Methods

Learning Method Type	Hours
Lecture	22
Practical	33

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-CTY	CTY	September	12 Weeks

Aims and Outcomes

Aims	To integrate and extend previous learning and experience in systems investigation and development. To develop competence in the investigation and design of complex or large scale business and IT systems. To develop a broad repertoire of investigation techniques.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Apply a range of methodologies and specialist techniques to practical systems problems.
MLO2	2	Appraise and apply modern business management analysis and design techniques.
MLO3	3	Critically evaluate the appropriateness of alternative methodologies techniques according to the situation.

Module Content

Outline Syllabus	General Systems Theory and Systems Science Systems Dynamics Managerial Cybernetics and the Viable System Model Systems Thinking Business Process Re-Engineering to Business Process Management Business Analytics System and Software Evolution
Module Overview	This module will integrate and extend previous learning and experience in systems investigation and development to develop competence in the investigation and design of complex or large scale business and IT systems.
Additional Information	This module seeks to provide students with a toolkit of practical systems analysis and design techniques and approaches that can be selectively drawn upon depending on circumstances. The presentation of the various methods is couched in philosophical approaches that underpin those methods. This allows students not only to use such techniques but also to understand why the technique is appropriate in a given circumstance.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Centralised Exam	Cybernetic Analysis	50	0	MLO1, MLO2
Centralised Exam	Examination	50	2	MLO2, MLO3

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Janet Lunn	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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