STUDENT AND ACADEMIC SERVICES

UWE Bristol | University of the West of England

MODULE SPECIFICATION

Part 1: Information			
Module Title	Business Information Systems		
Module Code	UFCFPM-30-1	Level	Level 4
For implementation from	2018-19		
UWE Credit Rating	30	ECTS Credit Rating	15
Faculty	Faculty of Environment & Technology	Field	Computer Science and Creative Technologies
Department	FET Dept of Computer Sci & Creative Tech		
Contributes towards			
Module type:	Standard		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
Overview: Information systems are an integral part of all business activities. This topic is designed to introduce apprentices to contemporary information systems and demonstrate how these systems are used throughout organisations. **Educational Aims:** The focus will be on the key components of information systems - people, software, hardware, data and communication technologies, and how these components can be integrated and managed to create competitive advantage. **Outline Syllabus:** Why Information Technology is important to business and society The technology, people, and organisational components of information systems   How and why information systems are used today Globalisation and the role information systems have played in this evolution The value of information systems investments, formulate a business case for a new information

system, including estimation of both costs and benefits

Identify the major components of an information systems infrastructure

How information systems are enabling new forms of commerce between individuals and organisations

How information systems enable core and supportive business processes as well as those that interface with suppliers and customers

How organisations develop and acquire information systems and technologies

How to secure information systems resources, focusing on both human and technological safeguards

How businesses are using information systems for competitive advantage vs. competitive necessity

Existing and emerging information technologies and the impact on IT strategy and organisational strategy

Emerging technologies that enable new forms of communication, collaboration and partnering

Information needed to gain business intelligence to support the decision making for the different levels and functions of the organisation

How enterprise systems foster stronger relationships with customers and suppliers and how these systems are widely used to enforce organisational structures and processes

Teaching and Learning Methods: Introductory lectures are supported by seminars, case studies, visits and practical workshops. In addition this module will be supported by interactive forums and learning tools.

300 hours study time of which 72 hours will represent scheduled learning. Scheduled learning typically includes lectures, seminars, tutorials, demonstration, practical classes and workshops; external visits; supervised time in studio/workshop and an interactive forum.

Independent learning includes hours engaged with essential reading, case study preparation, assignment preparation and completion. Apprentice study time will be organised each week with a series of both essential and further readings and preparation for practical workshops. It is suggested that preparation for lectures, practical workshops, session delivery and seminars will take 7 hours per week.

Hours:
72 hours scheduled learning
228 hours research, independent study and preparation for assessment work

All apprentices are expected to attend a series of tutorials.

Part 3: Assessment

This module is assessed by a combination of techniques: written unseen exam and a project report.

Component A – Written unseen exam
A 2 hour exam is taken at the end of the semester to ensure the apprentice's knowledge and ability to apply the theories taught in class. The exam constitutes for 50% of the final grade.

Component B – Project Report
An individual 3000 words project intended on examining the apprentice's knowledge of the information systems technology concepts taught and their ability to apply this knowledge.

This project will allow the apprentice to work independently and engage with the theme of their choice but will nevertheless employ analytical skills in the context of the IS principles. This project will constitute 50% of the overall apprentice assessment.

First Sit Components	Final Assessment	Element weighting	Description
Report - Component B		50 %	Project report (3000 words)
Examination - Component A	✓	50 %	Written unseen exam (Open book)
Resit Components	Final Assessment	Element weighting	Description
Report - Component B		50 %	Project report (3000 words)
Examination - Component A	✓	50 %	Written unseen exam (Open book)

Part 4: Teaching and Learning Methods	
Learning Outcomes	On successful completion of this module students will be able to:

	Module Learning Outcomes
MO1	Explain the components of information systems, including the technology, people and organisational elements.
MO2	Understand how to formulate a business case for a new information system, including estimation of both costs and benefits.
MO3	Identify the major components of an information systems infrastructure.
MO4	Critically analyse a business domain in order to identify the role of information systems and highlight issues.
MO5	Evaluate information systems in relation to their intended purpose with regard to their effectiveness.
MO6	Evaluate how to secure information systems resources, focusing on both human and technological safeguards.

Contact Hours	Contact Hours	
	Independent Study Hours:	
	Independent study/self-guided study	228
	Total Independent Study Hours:	228
	Scheduled Learning and Teaching Hours:	
	Face-to-face learning	72

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	Total Scheduled Learning and Teaching Hours:	72
		4
	Hours to be allocated	300
	Allocated Hours	300
Reading List	*The reading list for this module can be accessed via the following link:* https://uwe.rl.talis.com/index.html	