

Electronic Business

Module Code:	COS5024-B
Academic Year:	2018-19
Credit Rating:	20
School:	Department of Computer Science
Subject Area:	Computer Science
FHEQ Level:	FHEQ Level 5
Module Leader:	Mr Abdul Karim Hammoud Sadik

Additional Tutors:

Pre-requisites:

Co-requisites:

Contact Hours

Type	Hours
Lectures	24
Laboratory	24
Directed Study	152

Availability Periods

Occurrence	Location/Period
BDA	University of Bradford / Semester 1 (Sep - Jan)

Module Aims

To provide basic principles, methods and techniques for designing and developing business applications over electronic and information networks.

Outline Syllabus

Electronic business strategy and business models. Creating and managing content to offer cyber services. Payment and transaction systems. Network security and cryptography. Electronic business relationships and marketing. The technologies used to design,

implement, test, develop and then manage electronic business systems. Aligning the information strategy to the business. Business needs and information system trends. Static (stored) and dynamic (live) information, multiservice and multimedia. Case studies illustrating the issues in different styles of organisation.

Module Learning Outcomes

On successful completion of this module, students will be able to...

- 1 Analyse the commercial and industrial applications of electronic business systems. Analyse opportunities for e-business development.
- 2 Analyse, design, implement and manage e-business information systems. Design and develop an e-business website. Develop an e-strategy for business development.
- 3 Demonstrate management skills in the area of systems for business processes, analysis and transactions. Developed research skills. Present information in a coherent and logical manner.

Learning, Teaching and Assessment Strategy

The contact time consists of lectures, and laboratory study. The remainder is given over to private study comprising directed reading, unsupervised laboratory exercises, and coursework assignments. Assessment includes laboratory based exercises, design and development of a web-based system, and individual reports to assess the technical and non-technical content of the module. Supplementary assessment requires the repair of deficiencies in the original submission.

Mode of Assessment

Type	Method	Description	Length	Weighting	Final Assess'
Referral	Coursework	Develop e-business web application based on real case study with a technical report	-2000 words	100%	Yes
Summative	Coursework	A report to present a preliminary business idea	-1200 words	30%	No
Summative	Coursework	A technical report	-1200 words	30%	No

Summative	Coursework	An e-business web based application.	40%	Yes
-----------	------------	--------------------------------------	-----	-----

Legacy Code (if applicable)

CM-0241D

Reading List

To view Reading List, please go to [rebus:list](#).