Module Details	
Module Title	Business Systems Security
Module Code	COS7035-B
Academic Year	2021/2
Credits	20
School	Department of Computer Science
FHEQ Level	FHEQ Level 7

Contact Hours	
Type	Hours
Lectures	12
Tutorials	12
Directed Study	176

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Semester 2

Module Aims

To develop a comprehensive understanding of the underlying technologies of secure systems and a critical awareness of the inherent risks and related privacy issues of their use in business.

Outline Syllabus

Issues involved in bringing computer security into an organisation. Managing the security function within an organisation. Risks involved with using electronic systems. Business and legal principles. The implementation of information security systems taking account of cybercrime and the cybercriminal. General legislation, data protection and regulation. Social engineering. Theoretical security models. Critical examination and analysis of case study material and current research papers/reports. Awareness of legal issues related to cyber security through topics such as general legislation and more specifically data protection legislation. The participation of visiting speakers to provide an industrial perspective on current and up to date security issues in the workplace.

Learning Outcomes

Outcome Number	Description
01	analyse, discuss and explain the nature of secure systems within an organisation and the technical, legal and business issues involved.
02	Develop solutions to complex issues involved in effectively implementing electronic systems in business whilst identifying and minimising the security risks.
03	(a) have further advanced your skills of research, problem-solving and communication. (b) Be a self-directed, independent learner who shows initiative and personal responsibility.

Learning, Teaching and Assessment Strategy

Formal input provided by lectures, supported by practical examples from videos, visiting speakers and readings (LO1, LO2). Case studies used, where appropriate, to illustrate issues raised by electronic systems used in business (LO3a, LO3b). Directed study includes directed reading, individual reading of journal and conference papers. Assessment by group presentation and individual research paper takes account of issues relevant to industry and the theoretical material discussed in class (LO1, LO2, LO3a, LO3b). Supplementary assessment is as original, with the exception of the group presentation which is replaced with a written reflective individual piece of work (1000 words).

Mode of Assessment

Type	Method	Description	Weighting
Summative	Presentation	Group presentation - 30 minutes	30%
Summative	Coursework	Individual Research Paper (2000 words)	70%

Reading List

To access the reading list for this module, please visit https://bradford.rl.talis.com/index.html

Please note:
This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.