STUDENT AND ACADEMIC SERVICES

MODULE SPECIFICATION

Part 1: Information			
Module Title	Cyber Security Futures Emerging Trends and Challenges		
Module Code	UFCFXN-15-M	Level	Level 7
For implementation from	2019-20		
UWE Credit Rating	15	ECTS Credit Rating	7.5
Faculty	Faculty of Environment & Technology	Field	Computer Science and Creative Technologies
Department	FET Dept of Computer Sci & Creative Tech		
Module type:	Standard		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description

Overview: Developments in cyber security are impacted by many different influences, for example, technological advance, changes in law, social change and attitude to technology. Any of these areas and others may be of interest in this module.

Educational Aims: The module is delivered as a series of workshops and will provide students with an opportunity to engage in supported horizon scanning in order to identify and explore emerging trends in cyber security.

Outline Syllabus: See educational aims and teaching and learning methods.

Teaching and Learning Methods: In the workshops at the start of the module, students are guided to discuss the characteristics of cyber security. These discussions might include the notion that cyber security is a relatively immature discipline, that it is rapidly changing, is influenced by subtle and unpredictable changes in human behaviour, economic change, development of new hardware etc.

Based on these initial discussions and under the tutor's guidance, students will then begin to tease out an area that most interests them.

The chosen topics are then explored on a week by week basis by a combination of individual

student research, invited speakers and student presentations.

These sessions are supplemented by workshops that explore key aspects of conducting an investigation such as the identification of aims and objectives; conducting a literature review and the use of critique.

The contents of the discussions will be monitored by the tutors to ensure that the discussions will prepare students to complete their summative assessments.

The outcomes from these workshop discussions will form a collective body of knowledge in cyber security trends.

Part 3: Assessment

This module is assessed by a report and a presentation in order to allow the student both to demonstrate that they can write discursively about trend in cyber security and to present their ideas clearly and succinctly.

Summative assessment include the following:

Comp A: Individual presentation
Comp B: Individual report

Comp A: This is to the student's ability not only to communicate complex ideas succinctly & with impact but also to respond to questions knowledgably and authoritatively.

Comp B: The contents of the report need to demonstrate that the student has addressed all aspects of the learning outcomes.

Formative feedback will be provided during the workshop sessions where students discuss the findings from their investigations.

First Sit Components	Final Assessment	Element weighting	Description
Report - Component B		75 %	Individual report (3000 words)
Presentation - Component A	✓	25 %	Presentation (including questions) 15 mins
Resit Components	Final Assessment	Element weighting	Description
Report - Component B		75 %	Individual report (3000 words)
Presentation - Component A	✓	25 %	Presentation (including questions) 15 mins

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Part 4: Teaching and Learning Methods	
Learning Outcomes	On successful completion of this module students will achieve the following learning outcomes:

Module Learning Outcomes	Reference
Evaluate and critique the current trends and challenges in cyber security	MO1
Report on evidenced speculation about likely future trends and their impact	MO2
Communicate complex information clearly and effectively	MO3

Contact Hours	**Independent Study Hours:**	
	Independent study/self-guided study	114
	Total Independent Study Hours:	114
	Scheduled Learning and Teaching Hours:	
	Face-to-face learning	36
	Total Scheduled Learning and Teaching Hours:	36
	Hours to be allocated	150
	Allocated Hours	150
Reading List	*The reading list for this module can be accessed via the following link:* https://uwe.rl.talis.com/index.html

Part 5: Contributes Towards
This module contributes towards the following programmes of study: Cyber Security [Sep][PT][Frenchay][2yrs] MSc 2018-19