



MODULE SPECIFICATION

Part 1: Information			
Module Title	Forensic Computing Practice		
Module Code	UFCFC5-15-3	Level	Level 6
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:	Project		
Pre-requisites	Computer Crime and Digital Evidence 2018-19, Security and Forensic Tools 2018-19		
Excluded Combinations	None		
Co-requisites	None		
Module Entry Requirements	None		
PSRB Requirements	None		

Part 2: Description
<p>Educational Aims: See Learning Outcomes.</p> <p>Outline Syllabus: As with many project modules there is no particular syllabus content other than that covered by earlier modules, in particular the pre-requisite modules. The aim here is for students to apply their technical knowledge and put into practice the skills developed earlier in the programme in realistic computer crime scenarios.</p> <p>Students firstly create a computer crime scene in a specified format. These cases are then investigated by other students by performing computer forensic analyses. This will involve using the tools and techniques taught in other modules and will require significant problem-solving abilities. The investigations will be summarised in professional style computer forensic reports. Finally each student will be required to defend one investigation carried out by them in a simulated courtroom environment.</p> <p>Teaching and Learning Methods: Scheduled learning: Laboratory sessions, lectures, ad-hoc supervision sessions, 'courtroom' appearance. Independent learning:</p>

STUDENT AND ACADEMIC SERVICES

Case study creation, investigation of case studies, Writing reports, 'courtroom' preparation.

Over the course of the academic year students should expect to spend approximately:

36 hours contact time

110 hours in independent study, including time spent in creating their case and investigating and reporting on the assigned cases.

4 hours preparing for and attending the mock courtroom session.

(150 hours in total)

Part 3: Assessment

Assessment is based around a phased project, divided into three elements:

i) Creation of a computer crime scenario and related evidential material. To be delivered in the form of a computer disk drive; Assessed by written report of scenario and evidence created.

ii) Investigation and reporting of two allocated computer crime cases. Assessed by written report outlining investigation process, evidence items located and scenario reconstructed from evidence found.

iii) Defence of investigation in mock courtroom (controlled conditions). Assessed by witness-stand cross-examination on case-related topics.

First Sit Components	Final Assessment	Element weighting	Description
Set Exercise - Component A		25 %	Creation of computer crime case
Report - Component A		50 %	Forensic examination and reporting of two computer crime cases (2000 words)
Practical Skills Assessment - Component A	✓	25 %	Attendance at mock courtroom session (30 mins)
Resit Components	Final Assessment	Element weighting	Description
Set Exercise - Component A		25 %	Creation of computer crime case
Report - Component B		50 %	Forensic examination and reporting of two computer crime cases (2000 words)
Practical Skills Assessment - Component A	✓	25 %	Attendance at mock courtroom session (30 mins)

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
Design a computer crime scenario and create a computer disk drive containing relevant evidential materials	MO1
Examine and investigate digital crime cases for evidential items	MO2
Use discovered evidence items to construct a plausible scenario and from this produce professional reports on their examinations and investigation	MO3
Defend their work in a mock courtroom environment	MO4

STUDENT AND ACADEMIC SERVICES

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	<p>The reading list for this module can be accessed via the following link:</p> <p>https://uwe.rl.talis.com/modules/ufcfc5-15-3.html</p>	

Part 5: Contributes Towards

This module contributes towards the following programmes of study:

Information Technology {Top-Up} [Sep][FT][Frenchay][1yr] BSc (Hons) 2019-20