

MODULE TITLE	Legal Aspects of Digital Forensics			CREDIT VALUE	5
MODULE CODE	MODULE CONVENOR				
DURATION	TERM	First semester	Second semester	Number Students Taking Module (anticipated)	
	WEEKS	16			

DESCRIPTION – summary of the module content (100 words)

This module focuses on legal and professional aspects of digital forensics. The module gives student a sound grounding in theories of crime and deviancy, the criminal justice system and law enforcement. It also gives students knowledge and understanding of legal and regulatory issues relevant to carrying out investigations of computer-related crime, as well as handling and presenting digital evidence. In addition to the above the module covers professional issues relevant to the digital/computer forensics professional.

PREREQUISITES – previous courses required to take this course

N/A.

MODULE AIMS – intentions of the module

This course aims to introduce the student to the concept of law and legal systems, it provides the student with the ability to explain and be aware of the legislation that impacts on technology.

INTENDED LEARNING OUTCOMES (ILOs) (see assessment section below for how ILOs will be assessed)

On successful completion of this module the student should be able to:

Module Specific Skills and Knowledge:

- 1 Understanding the concept of law.
- 2 Explain the legislation that impacts on technology.

Discipline Specific Skills and Knowledge:

- 3 Understand the evidence collection procedure
- 4 Describe the role of the expert witness in a court of law

Personal and Key Transferable/ Employment Skills and Knowledge:

- 5 Be able to present digital forensics reports in a court of law.

SYLLABUS PLAN – summary of the structure and academic content of the module

Module Syllabus

1. Introduction to law and the legal system
 - 1.1. Foundation of the legal system
 - 1.2. Hierarchy of law
 - 1.3. Criminal vs civil law
 - 1.4. Cyber-law
2. Overview of criminology and digital crime
 - 2.1. What constitutes a crime
 - 2.2. Elements of crime
 - 2.3. Categories of digital crime
 - 2.4. Crimes using technology and crimes against technology
3. Legal aspects of digital forensics
 - 3.1. What constitutes digital evidence
 - 3.2. Jurisdiction and evidence seizure
 - 3.3. Evidence collection procedure
 - 3.4. Court cases
4. Expert witness in a court of law
 - 4.1. Evidence admissibility
 - 4.2. Reporting, Ethics and code of conduct

5. Overview of regulations and legislation in different legal systems
 - 5.1. National and international digital law
 - 5.2. International agreements
 - 5.3. Privacy laws
6. Emerging trends in digital forensics

LEARNING AND TEACHING

LEARNING ACTIVITIES AND TEACHING METHODS (given in hours of study time)

Scheduled Learning & Teaching activities	48	Guided independent study	100	Placement/study abroad	0
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DETAILS OF LEARNING ACTIVITIES AND TEACHING METHODS

Category	Hours of study time	Description
Scheduled learning and teaching	48	Lectures
Guided independent study	36	Assignments
Guided independent study	24	Mock cases write-up
Guided independent study	20	Revision for mock cases and written exam
Guided independent study	20	Preparation for lectures

ASSESSMENT

FORMATIVE ASSESSMENT - for feedback and development purposes; does not count towards module grade

Form of Assessment	Size of the assessment e.g. duration/length	ILOs assessed	Feedback method
Mock cases (practical)	12 x 2 hours	1 – 5	Oral, written

SUMMATIVE ASSESSMENT (% of credit)

Coursework	20%	Written exams	70%	Practical exams	10%
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DETAILS OF SUMMATIVE ASSESSMENT

Form of Assessment	% of credit	Size of the assessment e.g. duration/length	ILOs assessed	Feedback method
Assignment	30%	12 weeks	1 – 5	Online
Written exam	70%	3 hours	4	Online + oral

DETAILS OF RE-ASSESSMENT (where required by referral or deferral)

Original form of assessment	Form of re-assessment	ILOs re-assessed	Time scale for re-assessment

RESOURCES

INDICATIVE LEARNING RESOURCES - The following list is offered as an indication of the type & level of information that you are expected to consult. Further guidance will be provided by the Module Convener.

Web based and electronic resources:

- 1- IEEE Xplore digital library
- 2- ACM digital library
- 3- EBSCO database
- 4- SpringerLink database
- 5- ProQuest database

CREDIT VALUE	5	ECTS VALUE	5
PRE-REQUISITE MODULES	None		
CO-REQUISITE MODULES	N/A		
NQF LEVEL (FHEQ)	6	AVAILABLE AS DISTANCE LEARNING	No
ORIGIN DATE		LAST REVISION DATE	08/10/2018
KEY WORDS SEARCH	Legal, law, court, digital evidence, technology laws.		