

UNIVERSITY OF CHESTER - Undergraduate Programmes Assignment Specification

Faculty of Science and Engineering

Department of Computer Science

Module No CO5608	Module Title Conducting Cybercrime Investigations	Assessment No Component 1	Weighting 63%
Submission Date Tuesday 7 th March at 17:30			Feedback due by 04/04/23 17:30
Assignment Title Professional Report: <i>"Draft a professional report correlating to a cybercrime incident, demonstrating a critical understanding of the main concepts and principals of a digital investigation, whilst evidencing a clear comprehension of the methodologies and policy considerations surrounding the investigation".</i>			
Learning Outcomes Assessed <ul style="list-style-type: none"> • LO1: Make sound decisions and record rationale underpinned with academic theory in relation to cybercrime investigations. • LO2: Demonstrate an understanding of interview techniques used to gather information and evidence from victims and witnesses. • LO3: Demonstrate application of good practice and legislative requirements in relation to the seizure of and presentation of digital evidence. • LO4: To demonstrate an understanding of how social media and other open-source information can be used in a cybercrime investigation. • LO5: produce an Investigative & forensic strategy, policy, and rationale. • LO6: Demonstrates an understanding of how RIPA impacts upon the cybercrime investigation. 			
Submission Information <ul style="list-style-type: none"> • This professional report is a 2500-word submission (with \pm 10% flexibility) and should be <u>submitted online via Turn-it-in on the CO5608 Moodle page</u>. The report you submit <u>must be properly referenced using the APA referencing system</u>. • Your submission should be submitted as either a Microsoft Word Document (.docx) or as PDF (.pdf). <u>Files submitted in an alternative/incorrect will usually be marked as zero.</u> • All components should be submitted to avoid a mark of zero. • The file must be named with your assessment (J number), e.g., J12345.pdf. • Any applicable late work penalties for assignments will be calculated using the latest submission date/time. Late work is penalised at the rate of 5 marks per day or part thereof. • Permissible word count excludes the student's name, title of module and assignment, references to sources, bibliography, external code snippets, graphs, maps, diagrams, captions, and appendices. 			
Extensions Extensions should be requested through the online system available on the Registry services pages on Portal . Late work is penalised at the rate of 5 marks per day or part thereof.			
Academic Integrity The material you submit must be your own work. Please avoid colluding with peers on your work. The penalties for breaching the academic integrity policy are severe. The minimum penalty is usually zero for that piece of work. Further information is available at Portal > Support Departments > Academic Quality and Standards > Academic Standards > Information for Students > Academic Integrity			

Assignment Brief

Write a Professional Report of no more than 2500 words (+ 10 flexibility) with the title;

“Draft a professional report correlating to a cybercrime incident, demonstrating a critical understanding of the main concepts and principals of a digital investigation, whilst evidencing a clear comprehension of the methodologies, ethical and policy considerations surrounding the investigation”.

This assignment (professional report) requires the student to use the supplied paper feeds which are given to students throughout the academic year, based around a cybercrime investigation scenario. Such paper feeds can be found within the Assessment 2022/23 tile on the CO5608 Moodle page, together with a practical guidance on ‘Open Source’ investigation.

For details of how your work will be marked, please see the assessment criteria and marking guide sections in this document. If you require additional support or have questions about what is required, please contact the module tutor.

Referencing

Referencing will play a key part in this module and the standards expected from the tutor will be high. Every student must fully understand the principles of referencing – it will be tested through the academic year and each produce must produce a final assessment that indicates a detailed understanding of The University’s approved referencing style (APA). Guidance on referencing will be given during lectures however there is an expectation that every student will carry out independent research. Guidance is available from Learning Resources on the following link – <https://portal.chester.ac.uk/LIS/Pages/FindingInformation/referencing.aspx>

Plagiarism and other forms of academic malpractice

Students should note that their work will be penalised for failing to acknowledge sources and should make themselves aware of the penalties for plagiarism or other forms of Academic Malpractice (refer to student handbook F).

Reading References

There are several core readings that will be given to students during the module but with the ever changing digital and cyber environment the reading list will develop through the academic year. Remember to have a look at various police web sites and home office web sites to look at current trends and developments in this area.

Assessment Criteria

First class marks will be awarded for;

- Demonstrating in-depth knowledge of the skills tested
- Coverage – attempting and getting most or all of the tasks correct
- Showing excellent knowledge of the topic area
- Excellent command, understanding, and usage of relevant tools
- A very sophisticated critical reflection, self-evaluation and new insights informing practical situations.

Second class marks will be awarded for;

- Demonstrating extensive knowledge of the skills tested
- Coverage – attempting and getting most of the tasks correct
- Showing good knowledge of the topic area
- Sound command, understanding, and usage of relevant tools
- A sound critical reflection, self-evaluation and some new insights informing practical situations

Third class or pass marks will be awarded for;

- Demonstrating some knowledge of the skills tested
- Coverage – attempting and getting a good number of the tasks correct
- Showing relevant knowledge of the topic area
- Showing good command, understanding, and usage of relevant tools
- A critical reflection, self-evaluation and some insights informing practical situations

Answers that fall below the above criteria for third class will receive a fail mark

Marking Guide

	Indicative grade					
	(70%+)	(60-69%)	(50-59%)	(45-49%)	(40-44%)	Fail (<40%)
<p>Question for assignment for the CO5608 module:</p> <p><i>“Draft a professional report correlating to a cybercrime incident, demonstrating a critical understanding of the main concepts and principals of a digital investigation, whilst evidencing a clear comprehension of the methodologies and policy considerations surrounding the investigation”.</i></p> <p>Has student provided evidence of -</p>						
Understands the requirement for all those involved in Cyber investigations, must have a comprehensive understanding of Human Rights and The College of Policing Code of Ethics.						
Demonstrates the ability to make sound decisions and recording rationale, underpinned with academic theory in relation to cybercrime investigations.						
Produce investigative and forensic strategy policy and rationale.						
Demonstrate an understanding of how social media and other open-source information can be used in a cybercrime investigation.						
Demonstrate application of good practice and legislation requirements in relation to the seizure of and presentation of digital evidence.						
An ability to research a wide range of material to support their academic position (<i>evidencing that research in accordance with APA Referencing System</i>).						