## **CMP Module Description 2020/21**

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| **Module code** | CMP-6044A/7034A | **Module Organiser** | Debbie Taylor |
| **Title** | Introduction to Cyber Security | | |

**Description (published on UEA website)**

This module will provide you with a broad understanding of the key topics and issues relating to cyber security. The module will use real-world examples and case studies to illustrate the importance of security. You will learn a variety of cyber security topics including vulnerabilities, exploits and threats, defensive tools and mitigation as well as the human elements of cyber security. Security is an essential part of our daily lives and this module will provide you with the fundamental skills and knowledge for working in a range of industries.

**Learning Outcomes**

1. Evaluate, identify and analyse cyber-attacks, vulnerabilities and threats
2. Analyse and evaluate cyber risks
3. Develop an understanding of the legal, professional and ethical issues relating to cyber security

**Formative assessment**

Weekly seminar exercises

**Summative assessment**

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| **No** | **Title** | **%** |
| 1 | Group Presentation | 40 |
| 2 | Individual Written Report | 60 |

**Outline of content**

1. Deliver the fundamental concepts of cyber security and its place within an organisation
2. Deliver an understanding of the importance of security policies
3. Deliver an understanding of security culture, awareness and professionalism
4. Analyse the evolving threat landscape and the appropriate mitigations
5. Evaluate the importance of risks within cyber security
6. Analyse the human aspects of cyber security, including insider threats and social engineering

**Other notes**

Re summative assignments:

01 : BB : Week 7 : Presentation : upload a group video or perform in person/online

02 : BB : Week 12 : Written Report : Remote report hand in

No major changes. Updated to give a clearer relationship to the revised summative assessments for 2020/2021