

# CSCM08: Information Security Management

## Coursework: Awareness Training

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Due: 11:00am, 22 November 2023

This coursework involves writing a 1 page outline and preparing a video on a knowledge area from the CyBOK. It is worth 30% of the overall module mark.

**Note: This assessment is group work but individual contributions may lead to different marks for each group member.**

— START OF COURSEWORK TASKS —

### Part 1: Preparation

[10 Marks]

**Task 1:** You will be assigned an organisation and a CyBOK knowledge area that you will research and discuss within a group of students. The group will identify a list of key aspects for an awareness campaign within the assigned topic area.

Your video should raise awareness about the knowledge area's relevance to information security amongst employees of the organisation you have been allocated to.

The group will create a summary and rationale behind the identified aspects of the knowledge area and detail the contribution of each group member in no more than half a page of A4. [5 marks]

**Task 2:** Each group will submit an outline plan (no more than half a page of A4) of how their video (i.e., the aspects the video will be covering) fits into a wider cyber-awareness strategy for the organisation. Address concisely: what, why, who.

Make sure you consider the relevance for *information security management* and relate this to examples given in your awareness-training video. [5 marks]

### Part 2: Awareness-Training video (Group & Individual Work)

[20 Marks]

**Task 3:** Present the key aspects of the CyBOK knowledge area assigned to your group and outlined in Task 1 in a video addressing (a sub-group of) the employees (the target audience) of the organisation assigned to your group. Each group's video should be at most 10 minutes long. Each student will contribute to this video as outlined in Task 1. Submission has to be by 22 November 2023. [10 marks for content, 10 marks for structure, clarity, and how engaging the video is.]

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One of these two types of organisation will be assigned to your group:

- Large private-sector multinational pharmaceutical organisation
- Medium-sized UK childrens-rights charity

The CyBOK knowledge areas are:

1. Cyber Security Concepts
2. Risk Management & Governance
3. Law & Regulation
4. Human Factors
5. Privacy & Online Rights
6. Malware & Attack Technologies
7. Adversarial Behaviours
8. Security Operations & Incident Management
9. Forensics
10. Cryptography
11. Operating Systems & Virtualisation Security
12. Distributed Systems Security
13. Formal Methods for Security
14. Authentication, Authorisation & Accountability
15. Software Security
16. Web & Mobile Security
17. Secure Software Lifecycle
18. Applied Cryptography
19. Network Security
20. Hardware Security
21. Cyber-Physical Systems Security
22. Physical Layer & Telecommunications Security

The list of groups and the assigned knowledge areas & organisation types will be posted on the Canvas Assignments page.

— END OF COURSEWORK TASKS —

## Submission

You should submit on Canvas:

- **One** PDF document for Part 1 (Task 1 & 2) via the assessment submission link on Canvas: This has to be PDF document consisting of your group's submission for Tasks 1 & 2 on a single page. (**Note:** Only PDF is accepted. Submitting in any other format will lead to 0 marks being awarded.)
- A video of no more than 10 minutes length.

Submit this via Canvas before **11:00am, 22 November 2023**.

**By submitting this work, electronically and/or as hardcopy, you state that you fully understand and are complying with the university's policy on Academic Integrity and Academic Misconduct. The policy can be found at <https://www.swansea.ac.uk/academic-services/academic-guide/assessment-issues/academic-integrity-academic-misconduct>.**