Communication and Security Protocols

5CM512

Component 1: EXAM

Computer based test

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Contents

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Key dates and details

Assessment Detail	Assessment Information
Assessment Type:	Computer based test (CBT)
Assessment Weighting:	50%
Word count/Length:	NA
Learning Outcomes:	1
Submission Method:	Online CBT on Blackboard
Submission Date:	TBD
Provisional Feedback Release Date:	12:00 pm UK time, (15 working days after test)

Description of the assessment

Mode: Computer-based test at Campus.

Max Time: 60 minutes (+ 25% extra for approved Support Plan)

Question Types: MCQs, True/False, and matching

Total Number of Questions: 25

Learning Outcomes covered in this Assignment

1. Explain and critique data protection mechanisms, key management protocols, communication security measures and network security devices

Relationship to Programme Assessment Strategy

This assessment builds the foundational knowledge for next term assessment.

Ensuring that students develop critical thinking early, which will be required in later, more practical or project-based assessments.

The nature of the learning outcome—"explain and critique"—aligns well with broader program objectives to foster critical thinking and effective communication.

Security professionals need to articulate and defend their decisions regarding protection mechanisms, protocols, and devices.

This test should encourage students to not only regurgitate facts but also to think critically about why certain security mechanisms work, their weaknesses, and how to improve them.

By asking students to critique security protocols or devices, the assessment pushes them to engage with real-world challenges and fosters a deeper understanding that prepares them for more complex decision-making scenarios.

Attributes and Skills

Through this assessment, students will develop critical thinking, communication, self-direction and planning and creative problem-solving skills. They will be required to critically analyse the security protocols, mainly focusing encryption algorithms and understanding of key cybersecurity concepts and technologies. The ability to apply security protocols to protect information will be developed by undergoing the sessions. Also, skills in critical analysis of security mechanisms are analysed.

Resource to develop skills: Critical Thinking and Problem Solving | LinkedIn Learning

Assessment Content

Computer Base Test Rules

Test Duration and Format. The CBT (Computer-Based Test) lasts 60 minutes and must be completed in one sitting. It consists of 25 questions.

Support Plan Accommodations. Students with a Support Plan are allowed 25% extra time, giving them a total of 1 hour and 15 minutes to complete the test. They must present their Support Plan to the instructor before the test begins.

Restricted Materials. Lecture slides should not be used for consultation during the CBT. Any other materials or internet browsing will result in a score of 0.

Single Test Attempt. Students have only one attempt to complete the test. Once started, the test must be finished in the allotted time. You may navigate between questions during the attempt.

Academic Offences. Cheating will result in a score of 0 and disciplinary action. This includes asking for help from other students, providing answers, unauthorized internet browsing, taking screenshots, or sending answers via phone or other devices (All personal electronic devices must be switched off during test).

Attendance Requirement. Attendance is mandatory on the test day. Be sure to sign the attendance sheet after completing the test.

Test Results. After completing the test, your score will be available the following week. Detailed feedback, including correct and incorrect answers, will be provided within 15 working days.

Clarifications. If anything is unclear, do not hesitate to ask the instructors for clarification.

Anonymous Marking

This assignment cannot be marked in line with the Anonymous Marking Policy requirements as you are required to be assessed through Computer based test. Since evaluations are conducted through online tests, students will automatically receive grades along with corresponding feedback from the system, which will also be readily accessible to the module leader.

Assessment Regulations

The [University's regulations, policies and procedures](#) for students define the framework within which teaching, and assessment are conducted. Please make sure you are familiar with these regulations, policies and procedures.