Lecturer: Sue Foster

Week 13

Course Structure

- Week 1 – Security Governance
- Week 2 – Managing Security in the organisation
  - Risk Management
- Week 3 – Risk management
  - Breaches, threats, vulnerabilities
- Week 4 – IS security
  - access controls
- Week 5 – IS Security
  - Computer forensics
- Week 6 – The impact of e-commerce on the organisation
  - The role of e-security
- Week 7 – Security over the Internet
- Week 8 – Security as a critical business function
  - Designing a Secure System
  - Is this achievable?
- Week 9 – Risk Management Part 4
  - Security policies and procedures
- Week 10 – Business continuity plans
  - Disaster recovery
- Week 11 – Security standards, Privacy and law
- Week 12 – Current issues and future trends
- Week 13 – Revision and exam preparation

Organisational structure

ORGANISATIONAL STRATEGY

BUSINESS STRATEGY

IT GOVERNANCE

IT Infrastructure

IS

Security Governance

Question:

What is security governance?
Exam

- FOUR ISSUES = 20 marks each
  - Mini cases
  - Quotes
  - Provides the frame (or primer) for your discussion

- FOUR BRIEFS
  - Provides the question
  - The brief will include words such as: Describe, Discuss, Provide reasons, Define, provide recommendations, provide examples etc

- ANSWER
  - 30 mins each
  - You must time yourself
  - Prepare a structure and put this on the page opposite
    - The structure should be made up of one word headings as mind joggers
  - DO NOT GIVE ME BULLET POINTS UNLESS I HAVE SPECIFICALLY ASKED FOR A LIST???!! Or time is running out
  - 2-3 pages each brief

Pass Requirements

- The 40% rule applies to units and determines the final result for a student where the student's performance is either the examination or assignment component of the unit is unsatisfactory. Students need to be aware of the 40% rule which is:
- In order to pass a unit, a student must gain all of the following:
  - at least 40% of the marks available for the examination component: i.e. the final examination and any tests performed under exam conditions, taken as a whole
  - at least 40% of the marks available for the assignment component: i.e. the assignments and any other assessment tasks (such as presentations) taken as a whole
  - at least 50% of the total marks for the unit
- Where a student gains less than 40% for either the examination or assignment component, the final result for the unit will be no greater than '44'
Exam Preparation

- Analyse each week’s lecture
  - Address the learning objectives for each week
  - What do you think are the major IS security issues
- Think about the main issues I have discussed in lectures
- Mind map using the overview
- You MUST demonstrate higher knowledge by doing additional reading:
  - shown at the end of each set of lecture slides
  - In the reading list
  - In the online discussions
- Prepare model answers to last year’s exam questions
- WARNING::
  - Rewording MY lecture notes will not be sufficient to gain good marks – it could lead to a fail

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Exam Type Question

THE ISSUE:
Contemporary cryptography methods have revolutionised data protection by providing what amounts to an “uncrackable” way of encrypting data.

Transaction data, database records, passwords etc. can all be encrypted using these methods. Yet encryption does not guarantee password protection.

YOUR BRIEF:
As a CSO discuss the issues you might encounter with password misuse and describe how you might mitigate against password misuse.

GOOD LUCK

- Check to make sure you have the date and time and location correct.