IV2000 Security Management 7.5 credits

Företagssäkerhet och riskhantering

This is a translation of the Swedish, legally binding, course syllabus.

Establishment

Course syllabus for IV2000 valid from Spring 2009

Grading scale

A, B, C, D, E, FX, F

Education cycle

Second cycle

Main field of study

Specific prerequisites

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

After having successfully completed the course, the students should a basic understanding of organizational and managerial aspects of information security and operative risk, such as governance, risk and security management, and criminological and sociological aspects of IS/IT security in organizations.

Course contents

The course content will provide a knowledge base in organizational and managerial aspects of corporate governance, risk management and information security covering:

1) Dynamic and static risks

2) Risk tolerance and risk appetite

3) Risk analysis and vulnerability assessment

4) Governance and security standards and framework

5) Acceptance Criteria

6) Education, motivation, ethical considerations and awareness

Disposition

Lectures/Tutorials approx. 20 h

Course literature

Preliminary:

Managing Infomation Security Risks, Alberts, Christopher et al

Upplaga: Förlag: Pearson Education Inc. År: 2002

ISBN: 0-321-11886-3

Essentials of Organizational Behavior, Stephen P. Robbins

Upplaga: 7 (eller 6) Förlag: Prentice Hall År: 2002

ISBN: 0-13-035309-4

Compendium:

Information Security Management, BS 7799.2: 2002, Audit Checklist, SANS, 2002

OECD Guidelines "Towards a Culture of Security" "Criminology in A NutShell" Bologna

The Manual is the Message

"A day in the life of an IT security Officer"

Examination

• TEN1 - Examination, 7.5 credits, grading scale: A, B, C, D, E, FX, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

If the course is discontinued, students may request to be examined during the following two academic years.

Other requirements for final grade

The final grade is based on the written exam

Ethical approach

• All members of a group are responsible for the group's work.

• In any assessment, every student shall honestly disclose any help received and sources used.

• In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.