



IV2023 Value Based Risk Management 7.5 credits

Value Based Risk Management

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

Establishment

Course syllabus for IV2023 valid from Autumn 2009

Grading scale

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

Education cycle

Second cycle

Main field of study

Specific prerequisites

Course in security informatics on level C or D (year 3-5).

Language of instruction

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

Intended learning outcomes

This course in IS/IT Risk Management focuses on the need to move information security from a cost to an asset. In order to be able to transform security from a cost center to a profit center, it is a precondition to understand business contexts in general and the sourcing strategies (outsourcing and offshoring) in particular.

Course contents

- Introduction to the concept of Shareholder Value
- Understanding of sourcing strategies (outsourcing and offshoring)
- Integration of security services and mechanisms in sourcing strategies
- Apply a Business-Driven Enterprise Security Architecture

Disposition

Your assignment for the course will be to deliver a project proposal for business driven security architecture. The assignment shall be based on a project (with some modifications) to offshore a Fortune 100 company's IT operations to an offshore supplier in Bangalore, India.

Language: English

Course literature

Preliminary:

Sherwood et al: Enterprise Security Architecture – A Business Driven Approach, CMP Books, 2005, 1-57820-318-x

The report "India and China – from an Information Security Perspective", C Magnusson, the Confederation of Swedish Enterprise, 2006-09.

The report "Corporate Governance, Internal Control and Compliance - From an Information Security Perspective", the Confederation of Swedish Enterprise, September 2007.

The reports can be downloaded from the web of the Confederation of Swedish Enterprise.

Examination

- PRO1 - Assignments, 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.

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.