



Course syllabus

Faculty Board of Science and Engineering

School of Computer Science, Physics and Mathematics

1IL077 Informationssäkerhet och IT-juridik, 7,5 högskolepoäng

1IL077 Information Security and IT Law, 7.5 credits

Main field of study

Informatics

Subject Group

Informatics/Computer and Systems Sciences

Level of classification

First Level

Progression

G1F

Date of Ratification

Approved 2009-09-08

Revised 2012-08-17 by School of Computer Science, Physics and Mathematics.

Literature list is revised.

The course syllabus is valid from spring semester 2013

Prerequisites

At least 30 credits in Informatics/Information Logistics or equivalent.

Objectives

Having passed the course the student should be able to:

- understand security issues and legislation in connection to information technology use in organisations
- recognize and analyse threats to information security and suggest appropriate protective measures
- perform a vulnerability analysis
- apply legislation focusing on intellectual property rights, contract law and internet privacy legislation
- independently evaluate aspects of security, legislation and ethics in connection to information technology use in organisations.

Content

The course content comprises:

- threats and protective measures
- vulnerability analysis
- planning, strategies and policies of information security
- privileged information and information integrity
- key encryption
- ethical aspects of information security
- internet privacy legislation
- internet and public access legislation
- intellectual property rights
- contract law in connection to electronic commerce.

Type of Instruction

The teaching consists of lectures, seminars, exercises and individual or group-based practical work. Participation/attendance in seminars and practical work is compulsory.

Examination

The course is assessed with the grades Fail (U), Pass (G) or Pass with Distinction (VG).

Assessment of the student's performance is made through written examination and presentation of compulsory assignments.

The assessment method is decided at the start of the course.

Students who do not pass the regular examination are given the opportunity to a new examination shortly after the regular examination.

On request, a Swedish University course certificate will be awarded upon successful completion of the course.

Course Evaluation

A course evaluation will be carried out at the end of the course in accordance with the guidelines of the University. The result of the course evaluation will be filed at the department.

Required Reading and Additional Study Material

Required reading

Magnusson Sjöberg, C. m. fl. (latest edition) *Rättsinformatik*. Lund: Studentlitteratur. 386 p.

Strömquist, Lars (2008), *Våga lita på din IT-miljö*. 3. ed. Kista: Symantec. 63 p. ISBN:978-91-976811-5-5.

Syrén, Agneta, (2008), *Stora säkerhetshandboken*. Stockholm: SIS Förlag. 399 s. ISBN: 978-91-7162-742-1

Articles, 100 p.

Recommended supplementary reading

Swedish Standards Institute (SIS) (2006), *Ge din information rätt säkerhet*. Version 6.0. Stockholm: SIS förlag. 109 p.