UNIVERSITY OF SKÖVDE

TRANSLATION FROM SWEDISH

COURSE SYLLABUS

Introduction to information security in organisations A1N

3 credits

Course code: IT798A
Version number: 2
Valid from: 1 July 2023
Ratified by: Curriculum Committee for Informatics
Date of ratification: 16 March 2023

1. General information about the course

The course is provided by the University of Skövde and is named Introduction to information security in organisations A1N (Introduktion till informationssäkerhet i organisationer A1N). It comprises 3 credits and is a second-cycle course. The level of progression is A1N.

The course is a part of the main field of study in Informatics. The disciplinary domain of the course is Technology.

2. Entry requirements

To be eligible for the course, 60 credits are required in product development, production technology, automation technology, mechanical engineering or informatics, management, or the equivalent. A further requirement is proof of skills in English equivalent of studies at upper secondary level in Sweden, known as the Swedish course English 6. This is normally demonstrated by means of an internationally recognized language test, e.g. IELTS or TOEFL or the equivalent.

If academic credentials are lacking, it is possible to apply for recognition of prior learning.

3. Course content

This course is aimed at professionals in the industry. The course is divided into three modules which together offer the student an overview of information security from an organisational perspective. The focus of the modules is on activities that are central to understanding, planning and following-up on protective measures of organisations' information systems and assets. The three modules are: security, threats and incidents, risks and security controls, as well as evaluation and governance.

4. Objectives

After completed course the student should be able to:

- analyse and critically reflect upon the role of information security from an organisational perspective,
- explain in an in-depth manner central concepts in information security,
- identify and critically reflect on relevant and protectable information assets,
- identify and prioritise relevant security controls against various threats and incidents, and
- formulate a plan for follow-up and evaluation of security work.

5. Examination

The course is graded G (Pass) or U (Fail).

The examinations of the course consist of the following modes of assessment:

- **Written assignment**
  1 credit, grades: G/U
- **Unsupervised written examination**
  2 credits, grades: G/U

Students with a permanent disability who have been approved for directed educational support may be offered adapted modes of assessment.

6. Types of instruction and language of instruction

The teaching comprises video-recorded lectures and supervision.

The teaching is conducted in English.

7. Course literature and other educational materials

Course literature according to instructions on the course page on the learning platform.

8. Student influence

Student influence in the course is ensured by means of course evaluation. The students are informed about the results of the evaluation and potential measures that have been taken or are planned, based on the course evaluation.

9. Additional information

The course has been developed within the framework of the project WISER – Digital Transformation and Industrial Excellence, which is a collaborative project between the University of Skövde and industry partners. The project is financed with support from the Knowledge Foundation (KK-stiftelsen).

Further information about the course, as well as national and local governing documents for higher education, is available on the website of the University of Skövde.