



Faculty of Health, Science and Technology
Computer Science

Syllabus

Privacy Enhancing Technologies

Course Code:	DVAD32
Course Title:	Privacy Enhancing Technologies <i>Integritetsskyddande teknologier</i>
Credits:	1.5
Degree Level:	Master's level
Progressive Specialisation:	Second cycle, has only first-cycle course/s as entry requirements (A1N)

Major Field of Study:
DVA (Computer Science)

Course Approval

The syllabus was approved by the Faculty of Health, Science and Technology 2017-09-13, and is valid from the Spring semester 2018 at Karlstad University.

Prerequisites

Upper secondary level English 6 or B. Computer Science 30 ECTS cr, or three years of work experience in the IT sector, or equivalent

Learning Outcomes

Upon completion of the course, students should be able to:

- give an account of the basic security and privacy enhancing technologies,
- relate security and privacy goals to mechanisms and technologies,
- explain when and how to apply different privacy enhancing technologies.

Content

The course first introduces security and privacy mechanisms and technologies and then focuses on how security and privacy mechanisms can be used to solve practical and theoretical problems, along with discussions of their advantages and disadvantages.

Reading List

See separate document.

Examination

Assessment is based on a written exam and hand-in assignments.

Grades

One of the grades Distinction (VG), Pass (G), or Fail (U) is awarded in the examination of the course. Engineering students are awarded one of the grades Pass with Distinction (5), Pass with Some Distinction (4), Pass (3) or Fail (U).

Quality Assurance

Follow-up relating to learning conditions and goal-fulfilment takes place both during and upon completion of the course in order to ensure continuous improvement. Course evaluation is partly based on student views and experiences obtained in accordance with current regulations and partly on other data and documentation. Students will be informed of the result of the evaluation and of any measures to be taken.

Course Certificate

A course certificate will be provided upon request.

Additional information

DVAD32 cannot be included in the same degree programme as DVAD30 Privacy by Design.

The local regulations for studies at the Bachelor and Master levels at Karlstad University stipulate the obligations and rights of students and staff.