COURSE SYLLABUS

Principier för integritet, informationssäkerhet och cybersäkerhet A1N
Principles for Privacy, Information and Cyber Security A1N
7.5 credits

Course Code: IT753A
The Course Syllabus is valid from: 1 July 2019
Date of Approval: 4 October 2018
Version Number: 2

1 Name, Scope and Level of the Course
The course is provided by the University of Skövde and
is named Principles for Privacy, Information and Cyber
Security A1N. It comprises 7.5 credits and is on ad-
vanced level. The level of progression of the course is
A1N.

2 Objectives
After completed course the student should be able to:
• describe the principles and theories regarding the
themes of integrity, information security and cy-
ber security;
• describe and reflect on how the themes interact
with each other and what distinguishes them;
• discuss and analyze the state of the art in the field
of research and practice;
• discuss and analyze tools and models in the ap-
plication areas of the theme areas; and
• analyze and critically reflect on legal and ethical
aspects in the thematic areas.

3 Course Content
Sustainable development in a digitised society requires
good control over privacy, information security and cy-
ber security. The course provides an introduction to the
areas of privacy, information security and cyber security,
by presenting essential theories and principles for
each area and the way in which these areas are linked
to each other. Furthermore, current findings from both
practice and research are presented as well as legal and
ethical aspects.

4 Forms of Teaching
The teaching comprises lectures and seminars/group
discussions.

The teaching is conducted in English.

5 Examination
The course is graded A (Excellent), B (Very good), C
(Good), D (Satisfactory), E (Sufficient) or F (Fail).

Registration of examination results:

<table>
<thead>
<tr>
<th>Name of examination</th>
<th>Credits</th>
<th>Grading</th>
</tr>
</thead>
<tbody>
<tr>
<td>Written assignment</td>
<td>7.5</td>
<td>A/B/C/D/E/F</td>
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</tbody>
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Students with a permanent disability who have been
approved for special educational support may be offe-
red adapted or alternative examinations.

6 Admission Requirements
A Bachelor’s degree (equivalent to a Swedish kandida-
texamen) within the fields of informatics or computer
science or the equivalent.

A further requirement is proof of skills in English equi-
valent of studies at upper secondary level in Sweden,
known as English course 6 / English course B. This is
normally demonstrated by means of an internationally
recognized test, e.g. IELTS, TOEFL or the equivalent.

7 Subject, Main Field of Study and Disciplinary
Domain
The course forms a part of the academic subject area
of Informatics. The course is a part of the main field of
study in Informatics at the University of Skövde. The disciplinary domain of the course is Technology.

Every course at the University of Skövde belongs to a subject. The division of subjects is used for follow-up and quality assurance. A main field of study is an area in which a degree can be awarded. Disciplinary domain is a division which is used by the government for the allocation of resources for studies at basic level and advanced level.

8 Approval of Course and Course Syllabus
The course was approved by the Curriculum Committee for Informatics on 4 October 2018. This course syllabus was approved by the Curriculum Committee for Informatics on 4 October 2018. It is valid from 1 July 2019.

9 Overlapping with Another Course
This course cannot constitute a part of a degree also containing a course the content of which is totally or partly equivalent to the content of this course.

10 Additional Information
Further information will be available on the university’s website before a course is given.

National and local regulations for higher education are available on the university’s website.

Upon completion of the course there will be a follow-up. The main purpose of this follow-up is to contribute to improvements of the course. The students’ experiences and views constitute one of the criteria for the follow-up and are gathered by means of course evaluations. The students will be informed of the results of the follow-up and any decisions regarding actions that are to be taken.

11 Course Literature and Other Educational Materials
ISO/IEC 27000:2018 Information technology - Security techniques - Information security management systems – Overview and vocabulary

Scientific articles indicated on the course website.