COURSE SYLLABUS

IP-telefoni G1F
IP Telephony G1F
3 credits

Course Code: IT403G
The Course Syllabus is valid from: 1 January 2021
Date of Approval: 27 August 2020
Version Number: 1

Subject: Informatics
Main Field of Study: Informatics
Disciplinary Domain: Technology
Academic Level: Basic level

1 Name, Scope and Level of the Course
The course is provided by the University of Skövde and is named IP Telephony G1F. It comprises 3 credits and is on basic level. The level of progression of the course is G1F.

2 Objectives
After completed course the student should be able to:

- define and describe the central concepts of the area and relevant VoIP (Voice over IP) protocols, as well as
- identify, implement, and document a simple VoIP solution.

3 Course Content
IP telephony is an umbrella term for technologies that are used to transport, among others, voice communication through the Internet. The course provides both a theoretical and a practical overview on protocols used to transport voice over the Internet, as well as presents different types of hardware and software that is required to build an IP-telephony solution in a home or business environment. The course will also cover concepts and technologies related to IP-telephony such as Quality of Service or the Real Time Protocol.

4 Forms of Teaching
The teaching comprises lectures, laboratory sessions 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 examination</td>
<td>1.5</td>
<td>A/B/C/D/E/F</td>
</tr>
<tr>
<td>Written assignments</td>
<td>1.5</td>
<td>G/U</td>
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</tbody>
</table>

1 Determines the final grade of the course.

Students with a permanent disability who have been approved for special educational support may be offered adapted or alternative examinations.

6 Admission Requirements
Prerequisite courses for this course are: Passed courses: IT119G-Data Communication - Introduction G1N (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 27 August 2020. This course syllabus was approved by the Curriculum Committee for Informatics on 27 August 2020. It is valid from 1 January 2021.

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


Other course literature consists of scientific articles provided by the teachers.