



Course syllabus

Faculty Board of Science and Engineering

School of Computer Science, Physics and Mathematics

1DV01U Teknikkommunikation, 7,5 högskolepoäng

1DV01U Technical Information and Communication, 7.5 credits

Main field of study

Computer Science

Subject Group

Informatics/Computer and Systems Sciences

Level of classification

First Level

Progression

G1F

Date of Ratification

Approved by School of Computer Science, Physics and Mathematics 2011-06-10

The course syllabus is valid from spring semester 2012

Prerequisites

At least 30 credits, including Problem Solving and Modelling (1DV005) and Problem Solving and Programming (1DV006) or equivalent.

Objectives

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

- understand the importance of technical information and communication during the education and in working life
- have developed the ability to express themselves clearly and purposefully orally and in writing, especially when writing scientific reports
- understand how communicative barriers can be an obstacle for equality and variety within the university as well as in working life
- choose, search, evaluate and reference sources used for a scientific report
- use various tools, suitable for report writing and presentations.

Content

The course should give an insight in the area of communication and documentation. The course should help the students during their study period to increase the quality of submitted papers and presentations these are common forms of examination. The course will also be a first introduction to report writing and shall address the

requirements for such work. Finally it should show the importance of communication and documentation within working life.

The following parts are treated:

- Rhetoric and basic language theory
- Written and spoken communication
- Tools and standards for scientific publishing
- Library knowledge
- Visualization
- Technical terminology.

Type of Instruction

Teaching consists of lectures and practical assignments. Practical assignments are individual or carried out in groups. Attendance at some activities is mandatory.

Examination

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

Assessment of the student's performance is made through written examination and/or mandatory assignments which are presented orally and/or in written form. The assessment method is decided at the start of the course.

On request, students may have their credits translated to ECTS-marks. Such a request must be sent to the examiner before the grading process starts.

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

Fällman B,*Tala och engagera. Populär presentationsteknik*. Studentlitteratur, 2002. Pages 88 (88).

Terminologicentrum,*Skrivregler för svenska och engelska från TNC*, TNC, 2001. Pages 236 (236).

Walla E,*Så skriver du bättre tekniska rapporter*, Student-litteratur, 2004 Pages 116 (179).

DFM,*Distributed material*.Pages 100.

Alternative literature

Björk L., Räisänen C,*Academic Writing: A University Writing Course*, Studentlitteratur, 2003. Pages 273 (399).

Gibaldi J,*MLA Handbook for Writers of Research Papers*, 6th edition, MLA, 2003. Pages 361 (361).

Lucas S,*The Art of Public Speaking*, McGraw-Hill, 2007.Pages 506 (506).

DFM,*Distributed material*. Pages 100.