



Course syllabus

Faculty of Technology

Department of Computer Science and Media Technology

5ME11E Medieteknik, examensarbete (master), 30 högskolepoäng

5ME11E Media Technology, Degree Project (Master), 30 credits

Main field of study

Media Technology

Subject Group

Media Production

Level of classification

Second Level

Progression

A2E

Date of Ratification

Approved 2015-05-22

Revised 2017-09-04 by Faculty of Technology. Prerequisites are revised.

The course syllabus is valid from spring semester 2018

Prerequisites

Bachelor degree in Media Technology, Computer Science or Informatics or the equivalent.

Furthermore, the equivalent of 45 credits at A1 level courses in Media Technology is required. Including 4ME301 Scientific Theories and Methods, 7.5 credits or the equivalent

Objectives

The aim of this course is improve the students' ability to develop and apply in a methodological manner her/his knowledge and skills to a research project within the area of Media Technology.

Upon completion of the course, the student should:

- individually or in group, be able to find a solution to a research problem in Media technology
- be able to individually construct and apply relevant assessment methods related to the problem
- individually be able to analyze and assess the results
- be able to write a report meeting scientific standards and individually make a

presentation of the solution to the problem.

Content

The following topics are included:

- Project work flow and how to set up and make use of the time plan.
- Various applications to search for relevant literature will be presented.
- Report writing and scientific referencing.
- Ethics of empirical studies – using methods in practice.
- Oral presentations (mandatory progress reports).
- The art of providing and handling constructive critique.

Type of Instruction

Lectures, seminars and supervision.

Examination

The course is assessed with the grades A, B, C, D, E, Fx or F.

The grade A constitutes the highest grade on the scale and the remaining grades follow in descending order where the grade E is the lowest grade on the scale that will result in a pass. The grade F means that the student's performance is assessed as fail (i.e. received the grade F).

The mark will be based on the quality of the process, including seminars, supervision and progress reports, and the quality of the product, in the form of a report and the oral presentation and defense of this report. The student is also required to be active as opponent to some other student report.

Course Evaluation

During the course or in close connection to the course, a course evaluation is to be carried out. The result and analysis of the course evaluation are to be communicated to the students who have taken the course and to the students who are to participate in the course the next time it is offered. The course evaluation is carried out anonymously. The compiled report will be filed at the Faculty.

Credit Overlap

The course cannot be included in a degree along with the following course/courses of which the content fully, or partly, corresponds to the content of this course: 5ME10E Media Technology, Degree Project (Master)

Other

Grade criteria for the A–F scale are communicated to the student through a special document. The student is to be informed about the grade criteria for the course by the start of the course at the latest.

Required Reading and Additional Study Material

Required Reading

The student, together with supervisor and the examiner, will select relevant literature based on the topic of the thesis.