



## Course syllabus

Faculty of Technology

Department of Mechanical Engineering

1SE002 Tekniska projekt och rapportskrivning, 7,5 högskolepoäng  
Technical Projects and Report Writing, 7.5 credits

### Main field of study

Total Quality Maintenance

### Subject Group

Industrial Engineering and Management

### Level of classification

First Level

### Progression

G1N

### Date of Ratification

Approved 2009-07-24

Revised 2014-09-23 by Faculty of Technology. Review of objectives and contents.

The course syllabus is valid from autumn semester 2015

### Prerequisites

NO VALUE DEFINED

## Objectives

After completing the course the student is expected to be able to

- understand the basics of project management
- plan, implement and follow up a minor project
- understand the different parts of a report and how they belong together
- understand how to implement a minor study and what sources of information are suitable depending on the aim of the study
- communicate the results in speech and writing
- reflect on the choice of method, how well the method responds to the problem / solves the task, as well as alternative approaches

## Content

The course covers the following:

- project planning, organising and management
- Report-writing
- Presentation techniques
- The implementation of studies and observations
- The choice of sources of information.

## Type of Instruction

The teaching consists of lectures, seminars, group work, assignments and a case study.

### Examination

The course is assessed with the grades U, 3, 4 or 5.  
The examination is based on submitted reports and oral or written presentation of compulsory assignments.

In order to receive the grade Pass students must demonstrate knowledge that corresponds to the expected learning outcome.

### Course Evaluation

At the end of the course, a course evaluation is performed via a digital learning platform. The results are then put together and made available to students via the platform. The evaluation report is filed and stored according to departmental regulations.

### 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: Totally overlaps with SEA914 and to 5 HEC with JIA903.

### Other

Some elements of the course may entail costs defrayed by the course participant. The course language is English if international students attend the course.

### Required Reading and Additional Study Material

#### **Required reading**

Antvik, S. and Sjöholm, H. Project management and methods, Studentlitteratur, Lund, 2007, 170 p.

#### Current articles

#### **Recommended literature**

van Aken, J., Berends, H. and van der Bij, H. Problem solving in organizations, Cambridge university press, New York, latest edition, 238 p.

Björk, L. and Räisänen, C., Academic writing A University Writing Course, Studentlitteratur, Lund, 2003 395 p.