

**SYLLABUS**

# **Wood Technology Project 1**

## **15 credits W7001T**

**Projektkurs TrätekNIK 1**

**Course syllabus admitted: Autumn 2023 Sp 1 - Present**

**DECISION DATE**  
**2021-02-17**

# Wood Technology Project 1 15 credits W7001T

## Projektkurs Träteknik 1

### Second cycle, W7001T

Education level	Grade scale	Subject	Subject group (SCB)
Second cycle	G U 3 4 5	Träteknik	Wood Physics and Wood Technology

### Main field of study

Wood Technology

## Entry requirements

## Selection

The selection is based on 30-285 credits

## Course Aim

Introduce and make the student aware of the research subject's scientific foundations and scientific methodology as well as the concept of sustainable development.

After passing the course, the student should be able to:

### Knowledge and understanding:

- Explain the structure and purpose of a project plan
- Explain and relate to the concepts for sustainable development, with a special focus on gender equality and research ethics
- Show considerable progress in knowledge and skills in the subject wood technology.

### Skills and Abilities:

- To prepare a project plan
- To apply good research ethics
- To identify the personal need for new knowledge and skills in order to carry out the project task and/or with regard to lifelong learning
- Communicate results in speech and writing

### Valuation and approach:

- To evaluate project goals and objectives based on the concepts for sustainable development, with a special focus on gender equality
- Self-evaluation and reflection on and evaluate one's own work effort with regard to implementation
- Demonstrate an ability to collaborate with colleagues and other professionals involved in the project

## Contents

1/3 Supervisor-led practical implementation of project assignment.

1/3 Knowledge building and theory studies.

The supervisor based on the student's identified needs of new knowledge, determines the theoretical content of the course. The student will be trained in; identify the personal need for knowledge, obtain the necessary facts and summarize the theories and knowledge that are essential for the implementation of the project. The work is carried out under the supervision.

1/3 Introduction to project planning, project management and methods related to sustainable development such as; Literature search strategies, Report writing with regard to the projects target group and stakeholders, Presentation technique with regard to target group, Project planning, Research ethics, Gender equality and sustainability analysis

Skills to be applied in the other parts of the course.

## Realization

Each course occasion's language and form is stated and appear on the course page on Luleå University of Technology's website.

The course consists of three parts, about 1/3 of the project work, 1/3 of literature and theory studies where the latter should support the student's ability to complete the project and 1/3 of the introduction to practical skills training.

The work can be performed individually or in pair with one other student.

### **Following requirements are placed on a completed project work:**

-A by the supervisor approved project plan must be established before the practical part of the project can begin

-A sustainability and gender equality analysis of the project must be prepared

-The outcome of the project presented on the form of a scientific report and as well orally be presented to stakeholders

### **Following requirements applies for the knowledge building and theory studies:**

Establishment of an individual study and implementation plan that defines: 1) Learning objectives, related to the project's challenge and is an important part of the student's specialization in the research subject. 2) Implementation methodology defining how the student should proceed to to achieve the learning objectives. 3) Examination form and grading criteria must be stated in the implementation plan. 4) Time-schedule that describes delivery dates and times for supervisor meetings.

### **Following requirements applies for the specific skills training:**

1) Introduction to project planning. 2) Introduction to the concepts of sustainable development and gender equality, research ethics and ethical approach. 3) Introduction to information and literature search. 4) Continued training in oral presentation and report writing.

For a more detailed description of the course content, see separate study guide.

## Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided.

The course grade is based on project work, literature and theory studies, sustainability analysis and project evaluation.

Project results must be reported in writing as well as orally.

The supervisor decides on examination forms and grading criteria to be applied for the knowledge building and theory studies in each case individually. See the individual implementation and study plan established for the literature and theory studies.

Examination can take place a maximum of three years after course registration.

## Unauthorized aids during exams and assessments

If a student, by using unauthorized aids, tries to mislead during an exam or when a study performance is to be assessed, disciplinary measures may be taken. The term "unauthorized aids" refers to aids that the teacher has not previously specified as permissible aids and that may assist in solving the examination task. This means that all aids not specified as permissible are prohibited. The Swedish version has interpretative precedence in the event of a conflict.

## Course offered by

Department of Engineering Sciences and Mathematics

## Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0001	Project Management	U G#	5	Mandatory	S13	
0002	Exercise	U G#	5	Mandatory	S13	
0003	Assignment - Project	G U 3 4 5	5	Mandatory	S13	

## Study guidance

Study guidance for the course is to be found in our learning platform Canvas before the course starts. Students applying for single subject courses get more information in the Welcome letter. You will find the learning platform via My LTU.

## Last revised

by Head Faculty Programme Director Niklas Lehto 2021-02-17

# Syllabus established

by Dept. TVM Mats Näsström 2012-03-14