



Course syllabus

Faculty Board of Science and Engineering
School of Engineering

2TS343 Träförädlingsteknik, 7,5 högskolepoäng
Wood Manufacturing, 7.5 credits

Main field of study
Forest and Wood Engineering

Subject Group
Forest Science

Level of classification
First Level

Progression
G2F

Date of Ratification
Approved by Organisational Committee 2009-12-15

The course syllabus is valid from autumn semester 2010

Prerequisites
Basic eligibility, Mathematics C, Physics B, Chemistry A and knowledge equivalent to 60 higher education credits in the subject Forest and Wood engineering.

Expected learning outcomes

After completing the course the student is expected to have good knowledge of:

- The process of wood drying and how this process affects the properties of the material,
- Glueing of wood for joinery work as well as for building purposes,
- Finishing and other techniques for wood preservation,
- Interaction between customer, design/products development and processing,
- How a company can work with products development and processing in practice.

Content

The course comprises the following elements:

- Wood drying
- Glueing of wood
- Finishing and wood preservation
- Design and products development
- Laboratory work and educational visits.

Type of Instruction

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The teaching consists of lectures, exercises, laboratory lessons and educational visits. There are compulsory items, which will be seen in the schedule.

Examination

The course is assessed with the grades U, 3, 4 or 5.

The assessment of student performances usually takes place during special examination periods and is normally written. The test can be oral in exceptional cases. Participation at compulsory items.

Course Evaluation

A written course evaluation will be carried out at the end of the course in accordance with the guidelines of the University. The course evaluation will be filed at the department.

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: Overlaps entirely with TSC934.

Required Reading and Additional Study Material

Required reading

Morén, T., *Virkestorkningens grunder*, Valutec AB 2007. 97 pages.

Raknes, E., *Trälimning*, Träteknik 1988. 156 pages.

von Tell, B., *Ytbehandling*. Träteknik 1990. 382 pages.

Presentations and documents distributed during lectures, exercises and educational visits.