

SYLLABUS

Wood industry regulations - work environment management 7.5 credits T0019D

Träindustrins Regelverk - arbetsmiljöledning

Course syllabus admitted: Autumn 2012 Sp 1 - Autumn 2012 Sp 2

**DECISION DATE
2012-02-06**

Wood industry regulations - work environment management 7.5 credits T0019D

Träindustrins Regelverk - arbetsmiljöledning

First cycle, T0019D

Education level	Grade scale	Subject	Subject group (SCB)
First cycle	U G#	Träteknik	Wood Physics and Wood Technology

Entry requirements

In order to meet the general entry requirements for first cycle studies you must have successfully completed upper secondary education and documented skills in English language +

Swedish upper secondary school courses Physics 1b1/1a, Mathematics 2a/2b/2c (specifik entry A7).

Or:

Swedish upper secondary school courses Physics A, Mathematics B (specifik entry 7)

Selection

The selection is based on final school grades or Swedish Scholastic Aptitude Test.

Examiner

Micael Öhman

Course Aim

The course aims at giving the student the opportunity to:

- deepen her/his theoretical and practical knowledge about improving present work places in the wood industry from a holistic ergonomic perspective,
- deepen her/his theoretical and practical knowledge about systematic work environment management in the wood industry.
- develop both analytic and creative ability for improvement of work places and systems for work environment management in the wood industry.

A student that has passed the course shall be able to survey and analyze work environment management and work environment in existing wood industry systems, and also be able to give realistic proposals for improvements.

Contents

The theoretical content deals with:

- work environment management and supervision,
- work environment legislation and regulation,
- work environment responsibility, penal responsibility
- systematic work environment management,
- provisions specific for wood industry,
- analysis of ergonomics, physical work load risks,
- analysis of risks for accidents: deviation and energy analysis,
- air pollutions, elimination technique and ventilation,
- work environment economics.

Knowledge from previous education/industrial experience and new knowledge gathered during the course is applied in a project performed in co-operation with companies in the wood industry.

Realization

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

Distance education with one kick off meeting in Norsjö. After that self-governed work with written exercises and self-governed field studies at project companies. Supervision is carried out by means of Fronter and phone contacts. Criticism of reported exercises, project work and written project report.

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. For a passed mark the student needs to perform passed written exercises, a passed project work and a passed project report.

Transition terms

2402

Literature. Valid from Autumn 2008 Sp 1

All literature is in Swedish.

Arbetsmiljölagen, www.av.se

AFS 2 000:42 Arbetsplatsens utformning, www.av.se

AFS2001: 1 Systematiskt arbetsmiljöarbete, www.av.se

Aronsson, G. och Jakobsson, R. (2007) Bättre arbetsmiljö - handbok, Prentent 2007

Distributed material available in Fronter and literature chosen with regard to project task that is to be solved

Course offered by

Department of Engineering Sciences and Mathematics

Items/credits

Number	Type	Credits	Grade
0001	Presentations	2	U G#
0002	Project work	1.5	U G#
0003	Exercises	4	U G#

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 Departmen of Engineering Sciencs and Mathematics 2012-02-06

Syllabus established

Confirmed in the academic year of 2007/2008.