SYLLABUS

Project Work, Machining 7.5 credits B0017T

Projektarbete, skärande bearbetning

Course syllabus admitted: Autumn 2016 Sp 1 - Autumn 2017 Sp 2

DECISION DATE
2016-02-15

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LULEÅ TEKNISKA UNIVERSITET

Project Work, Machining 7.5 credits B0017T

Projektarbete, skärande bearbetning

First cycle, B0017T

Education level	Grade scale	Subject	Subject group (SCB)
First cycle	G U 3 4 5	Materialteknik	Materials 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 and Course B0016T Macining

Selection

The selection is based on 1-165 credits.

Examiner

Esa Vuorinen

Course Aim

This course is in the form of project work and is to a large extent localized at some of our partner companies. The course aims to give the student insight into different topics of machining such as machinability of materials, the material properties of the cutting tools and/or the possibilities and limitations of cutting techniques that are in use in the industry. The fundamental knowledge required in B0016T Machining is further developed in a short, well defined project work at a chosen company. Supervision is available at the company as well as at Bergsskolan. The students are supposed to perform self-reliant work in the form of a project and to practice the knowledge that was required in B0016T Machining. The project work will also increase the student’s skills in writinge technical reports.

Contents

The course is performed with SECO TOOLS as main collaborating partner company, but other companies are involved as well. The project work is done in groups of two or maximum three students and each project is unique. Each project is decided in collaboration with the company, the teacher and the examiner

Realization

Each course occasion´s language and form is stated and appear on the course page on Luleå University of Technology's website.
Project work performed at a company.

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.
Written report.

Literature. Valid from Autumn 2016 Sp 1

Ståhl J-E, De Vos P, Metal cutting – Theories in practice, SECO TOOLS, Lund – Fagersta 2014.

Course offered by

Department of Engineering Sciences and Mathematics

Items/credits

No items/credits available

Syllabus established

by Mats Näsström 2016-02-15