

SYLLABUS

Production Planning 7.5 credits T7013B

Produktionsplanering vid bergbyggande

Course syllabus admitted: Autumn 2016 Sp 1 - Spring 2020 Sp 4

**DECISION DATE
2016-01-22**

Production Planning 7.5 credits T7013B

Produktionsplanering vid bergbyggande

Second cycle, T7013B

Education level	Grade scale	Subject	Subject group (SCB)
Second cycle	G U 3 4 5	Berg- och mineralteknik	Mining and Mineral Technology

Entry requirements

The students shall have basic knowledge in mathematics, physics and geology as well as mining and rock engineering.

Selection

The selection is based on 30-285 credits

Examiner

Håkan Schunnesson

Course Aim

The course goal is that the students should be able to describe the theoretical foundations for and practically use tools and methods used for mine planning and mine design.

You will be able to

- apply analytical and computer based tools for production planning.
- consider technical and theoretical issues regarding production planning within mining projects.

Contents

Basic operations research methods

Mine planning and production planning, through e.g. computer based planning tools, for underground and open pit operations

Realization

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

Classroom lectures and exercises. Computer based exercises. Assignments and a study visit.

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.

Test on operations research methods

Mandatory study visit

Assignments computer based mine design and mine planning.

Overlap

The course T7013B is equal to ABT066

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Literature. Valid from Autumn 2007 Sp 1

Litterature will be decided later

Course offered by

Department of Civil, Environmental and Natural Resources Engineering

Items/credits

Number	Type	Credits	Grade
0008	Test	2	G U 3 4 5
0009	Assignment	4.5	G U 3 4 5
0010	Study visit	1	U G#

Last revised

by Eva Gunneriusson 2016-01-22

Syllabus established

The plan is established by the Department of Civil and Environmental Engineering 2007-01-31 and is valid from H07.