

SYLLABUS

Production Planning 7.5 credits T0026B

Produktionsplanering vid bergbyggande

Course syllabus admitted: Spring 2015 Sp 3 - Spring 2015 Sp 4

DECISION DATE
2014-02-10

Production Planning 7.5 credits T0026B

Produktionsplanering vid bergbyggande

First cycle, T0026B

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

Selection

The selection is based on 1-165 credits.

Examiner

Jenny Greberg

Course Aim

The course goal is that the students should have basic knowledge to describe the theoretical foundations for and practical applications of the tools and methods used for mine planning and mine design.

You will have

- know of computer based tools for mine planning on different tasks
- basic knowledge about technical and theoretical issues in mine design and mine planning.
- basic knowledge to select proper method according to present geological conditions, production demands and economy.

Contents

Basic operations research methods

Basic mine design for underground and open pit operations

Basic production planning: theoretical foundations of operations research, use of computer based planning tools, mine planning and scheduling

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 excercises.
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.

Short written test on operations research methods

Mandatory study visit

Assignments computer based mine design and mine planning.

Literature. Valid from Spring 2015 Sp 3

Litterature will be decided later

Course offered by

Department of Civil, Environmental and Natural Resources Engineering

Items/credits

No items/credits available

Syllabus established

by Eva Gunneriusson 2014-02-10