

SYLLABUS

Mathematics for network technicians 7.5 credits M0028M

Matematik för nätverkstekniker

Course syllabus admitted: Autumn 2023 Sp 1 - Present

**DECISION DATE
2021-02-17**

Matematics for network technicians 7.5 credits M0028M

Matematik för nätverkstekniker

First cycle, M0028M

Education level	Grade scale	Subject	Subject group (SCB)
First cycle	G U 3 4 5	Matematik	Mathematics

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 Mathematics 2a or 2b or 2c.

Selection

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

Course Aim

The course aims to provide knowledge of basic mathematical concepts and methods to support the teaching of other courses where mathematical models and operations occur, and to provide skill in performing numerical calculations using current assistive technology.

Contents

Numerical calculation. Statistics. Equations and inequalities of the first degree. Formula Treatment. Geometry and trigonometry. Equation Systems, Linear and non-linear functions. Quadratic equations and equations of higher degree. Exponential and logarithmic function

Realization

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

The course is taught through lectures exercises and tutorials. Laboratory work may occur. Other forms of teaching can occur.

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. To pass the course requires approved individual written exams. The course is graded. Mandatory laboratory and / or assignments may occur. Alternative forms of examination may occur.

Unauthorized aids during exams and assessments

If a student, by using unauthorized aids, tries to mislead during an exam or when a study performance is to be assessed, disciplinary measures may be taken. The term "unauthorized aids" refers to aids that the teacher has not previously specified as permissible aids and that may assist in solving the examination task. This means that all aids not specified as permissible are prohibited. The Swedish version has interpretative precedence in the event of a conflict.

Overlap

The course M0028M is equal to MAM280

Course offered by

Department of Engineering Sciences and Mathematics

Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0002	Written exam	G U 3 4 5	7.5	Mandatory	A21	

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 Head Faculty Programme Director Niklas Lehto 2021-02-17

Syllabus established

by LTU Skellefteå 2010-02-19