

Electrical Engineering

Elkraftteknik

6 credits

Programme course

TSFS14

Valid from: 2024 Spring semester

Determined by	Main field of study	
Board of Studies for Mechanical Engineering and Design	Electrical Engineering, Mechanical Engineering	
Date determined	Course level	Progressive specialisation
2023-08-31	First cycle	G2F
Revised by	Disciplinary domain	
	Technology	
Revision date	Subject group	
	Electrical Engineering	
Offered first time	Offered for the last time	
Spring semester 2021	Autumn semester 2025	
Department	Replaced by	
Institutionen för systemteknik		

Course offered for

- Bachelor of Science in Engineering Electronics
- Bachelor of Science in Mechanical Engineering

Prerequisites

Electric Circuit Theory.

Teaching and working methods

Lectures, exercises and laboratory work.

Examination

LAB1	Laboratory work	2 credits	U, G
TEN1	Written examination	4 credits	U, 3, 4, 5

Grades for examination modules are decided in accordance with the assessment criteria presented at the start of the course.

Grades

Four-grade scale, LiU, U, 3, 4, 5

Other information

About teaching and examination language

The teaching language is presented in the Overview tab for each course. The examination language relates to the teaching language as follows:

- If teaching language is “Swedish”, the course as a whole could be given in Swedish, or partly in English. Examination language is Swedish, but parts of the examination can be in English.
- If teaching language is “English”, the course as a whole is taught in English. Examination language is English.
- If teaching language is “Swedish/English”, the course as a whole will be taught in English if students without prior knowledge of the Swedish language participate. Examination language is Swedish or English depending on teaching language.

Other

The course is conducted in such a way that there are equal opportunities with regard to sex, transgender identity or expression, ethnicity, religion or other belief, disability, sexual orientation and age.

The planning and implementation of a course should correspond to the course syllabus. The course evaluation should therefore be conducted with the course syllabus as a starting point.

The course is campus-based at the location specified for the course, unless otherwise stated under “Teaching and working methods”. Please note, in a campus-based course occasional remote sessions could be included.