

Electronics design, project

Elektronikkonstruktion, projekt
6 credits

TSTE31

Valid from:

Determined by	Main field of study	
Board of Studies for Electrical Engineering, Physics and Mathematics	Electrical Engineering	
Date determined	Course level	Progressive specialisation
	First cycle	G2F
Revised by	Disciplinary domain	
	Information missing	
Revision date	Subject group	
Offered first time	Offered for the last time	
Spring semester 2026		
Department	Replaced by	
Institutionen för systemteknik		

Course offered for

- Bachelor of Science in Engineering Electronics

Prerequisites

Analog Circuits

Intended learning outcomes

After completing the course, the participant is expected to be able to:

- Carry out a project in accordance with a project model to design and implement a prototype of an electronic system
- Calculate development and manufacturing costs for the prototype
- Present and critically evaluate the project results

Course content

- Computer-aided design of electronic systems
- Power requirements and power development
- Project organization, planning, and budgeting
- Specifications and documentation
- Test and validation

Teaching and working methods

The course consists of lectures and a design project, including hand-in assignments and realization of a prototype system.

Examination

PRA1	Project work	6 credits	U, G
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Grades

Two-grade scale, U, G