Course: Project 2 credits: 5

Course code	ELVP22PRJ2
Name	Project 2
Study year	2022-2023
ECTS credits	5
Language	English
Coordinator	M.J. Deuzeman
Modes of delivery	Problem-based learning
Assessments	Project 2 - Assignment

Learning outcomes

Defining
The student clearly identifies a problem or customer need, contextualizes it, consults relevant sources, and converts it into a goal, problem statement, and electrical engineering requirements.

Designing
The student considers various solution directions to arrive at a detailed and well-founded electrical engineered product/service/process based on the program of requirements, using appropriate design methodologies and taking into account societal interests and engineering standards.

Realizing
The student realizes and validates a (prototype of) a product/service/process based on a technical design, using the appropriate materials/techniques/instruments.

Content

During project 2, the student realizes, tests and documents a design. Here, knowledge gained in semester 2 is applied and research is done. Students work together in groups, guided and supervised by a coach. The focus of this project is on analyzing and reporting.

Included in programme(s)

Electrical Engineering Major Sensor Technology
Electrical Engineering Major Electronics
Electrical Engineering Major Mechatronics

School(s)

Institute of Engineering

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