Course: Project 2 — credits: 5

Course code	ELVP22PRJ2
Name	Project 2
Study year	2026-2027
ECTS credits	5
Language	Dutch, with parts in English, English
Coordinator	P.M. Gomes Lourenco
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 Mechatronics
Electrical Engineering Major Sensors & Smart Systems
Electrical Engineering Major Energy & Power Electronics

School(s)

Engineering, Life Sciences & ICT

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