Course: Project 1 credits: 5

Course code	ELVP22PRJ1
Name	Project 1
Study year	2025-2026
ECTS credits	5
Language	Dutch, with parts in English, English
Coordinator	P.M. Gomes Lourenco
Modes of delivery	Problem-based learning
Assessments	Project Semester 1 - Assignment

Learning outcomes

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.

Professionalizing
The student is able to acquire and maintain skills, is self-directed, constructive in giving and receiving feedback, shows flexibility, and can communicate clearly.

Content

Project 1 consists of 2 parts: a kick-off project and a semester project. The focus is on working together and presenting

1: Kick-off project:
In the timespan of a week, you will work together and realize a result. This way, you will be introduced to what a project really is, how to cooperate well in a team and especially what the issues that you run into are in a project.

2: Semester project: In this project design, [FJ1] you will realize and test a physical product. Here, you will apply knowledge acquired in the semester 1 subjects. The students work in groups, guided and supervised by a teacher/coach.

[FJ1]Ambiguous, as is the source phrasing

Included in programme(s)

Electrical Engineering Major Mechatronics
Electrical Engineering Major Sensors & Smart Systems
Electrical Engineering Major Energy & Power Electronics

School(s)

Institute of Engineering

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