

## Vak: Project Semester 4

credits: 6

**Vakcode** ELVH17APRS4  
**Naam** Project Semester 4  
**Studiejaar** 2021-2022  
**ECTS credits** 6  
**Taal** Engels  
**Coördinator** F. Martins

**Werkvormen** Projectonderwijs  
Supervisie  
**Toetsen** Project semester 4 - Opdracht

### Leeruitkomsten

The student can:

- describe goal, problem statement, context and formal requirements for a project in a controlled industrial environment;
- translate the specifications of the analysis into functional descriptions in a systematic way;
- select and motivate the best functional description for a complex product;
- demonstrate the feasibility of the design by means of a working proof of concept;
- justify choices and reflects critically on these choices during the development of the project;
- reflect on own actions, thoughts, outcomes and adjusts own actions accordingly;
- inform the client on the progress of the project on a weekly basis;
- advise the contractor on how to best implement the outcome of the project;
- evaluate the degree in which the proof of concept meets the goal and solves the problem statement.

### Inhoud

For this project, students work in groups. All groups have periodical meetings with their tutor, who is responsible for guiding the group and assessing individual participation of students. The project is divided into tasks. All groups must do all the tasks. Tasks can be theoretical (like report writing) or practical (like implementation or presentation). Each task has its own deadline and deliverables. The final project grade is a combination of the grades for each task, considering individual participation.

### Opgenomen in opleiding(en)

Elektrotechniek Major Sensor Technology

### School(s)

Instituut voor Engineering

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