Course: TTI Project 2: development and testing — credits: 10

Course code	ELVH22TTI2
Name	TTI Project 2: development and testing
Study year	2022-2023
ECTS credits	10
Language	English
Coordinator	P.M. Gomes Lourenco

Modes of delivery	Assignment Lecture Supervision
Assessments	TTI Project 2: development and testing - Assignment

Learning outcomes

Analysis:
- Student translates customer demands into technical and non-technical specifications.
- Student defines feasible goals for the project, taking into account the limitations imposed.

Design:
- Student produces a design meeting both technical and non-technical specifications.

Realization:
- Student selects and assembles components into a proof of concept product based on defined specifications.
- Student documents the realization process by writing a logbook

Control:
- Student draws up and completes initial testing and validation testing of the proof of concept

Management:
- Student draws up a milestone planning for the project and monitors the project progress by using meeting agendas and writing minutes and acts accordingly

Advice:
- Student offers well-argued advice on the design, improvement or application of products, processes and methods.

Research:
- Student researches different possible methods of achieving (some of) the ultimate goals of the project.
- Student formulates problem definition.
- Student evaluates the results of the project by drawing conclusions in relation to the problem definition

Professionalization:
- Student reflects on own actions, thoughts and outcomes and changes behaviour accordingly
- Student communicates the results of the project in the form of a presentation.

Content

In this project students are expected to apply different skills that have been learned during the minor. The semester will have a number of project groups, and each student will be assigned to at least 1 group.

Included in programme(s)

Exchange Technology to Innovate (autumn)
Minor Technology to Innovate

School(s)

Institute of Engineering

share your talent. move the world.

Although every effort has been taken to ensure the accuracy of the information in the ECTS Course Catalogue, we cannot guarantee that the content and the information contained in it is always up-to-date, complete or true. Accordingly, no rights can be derived from the contents of the catalogue.