Course: PLC Programming — credits: 5

Course code	ELVP22PLC
Name	PLC Programming
Study year	2022-2023
ECTS credits	5
Language	Dutch, with parts in English
Coordinator	J.J. Dallinga
Modes of delivery	Problem-based learning
Assessments	Programming - 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.

Content

Based on an assignment in the industrial domain, choosing a solution written in 1 or more PLC languages, or combinations thereof. Interfacing with fieldbus systems and HMI.

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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