Course: PLC Programming — credits: 5

Course code	ELVP22PLC
Name	PLC Programming
Study year	2026-2027
ECTS credits	5
Language	Dutch, with parts in English, 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 Mechatronics
Electrical Engineering Major Sensors & Smart Systems
Electrical Engineering Major Energy & Power Electronics

School(s)

Engineering, Life Sciences & ICT

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