Teaching activities and project contribution

MISCE project

Mechatronics for Improving and Standardizing Competences in Engineering

Competence: Mechatronics

Workgroup: Universidade do Minho

This document summarizes the results of Satisfaction Questionnaire for ‘Mechatronics’.

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1 Summary of results

General Experience	Number of responses	Score (over 5)
The activity was easy to follow and well structured	143	4.29
The time allocated for the activity was adequate	143	4.28
The quality of the provided materials was good	143	4.49
The explanations were clear and understandable	143	4.50
The platform environment was intuitive and easy to use	143	4.52
The activity maintained my interest and motivation	143	4.55
The activity was well aligned with the course content	143	4.56
I would like to do more activities like this	143	4.59

Competence Worked On: Mechatronics	Number of responses	Score (over 5)
The activity helped me understand this competence better	143	4.24
I feel more prepared to apply this competence	143	4.38
The practical approach facilitated learning	143	4.48
The assessment was fair and appropriate	143	4.41

Specific Skills Worked	Number of responses	Score (over 5)
S1. Configure and integrate servo axes via EtherCAT in an industrial environment	143	4.43
S2. Set up units, limits, and operational parameters for each axis	143	4.41
S3. Perform movement tests (MC Test Run) and validate operation	143	4.36
S4. Program basic motion commands (MC_Power, MC_Home, MC_Move)	143	4.29
S5. Develop sequential automation logic for coordination of multiple axes	143	4.14

General Opinion	Number of responses	Score (over 5)
I value the use of these platforms	143	4.43
I would like more competences included in this way	143	4.42
I am satisfied with the activity	143	4.43
The assessment was fair and appropriate	143	4.41

Summary of the additional comments:
All comments are referring to: • The practical aspect of this teaching methodology; • The possibility of working remotely with the Mechatronics motion platform.