

Automation Project Workflow & Tools

Date	Topics	Schedule
17/10/2022	<ul style="list-style-type: none"> • Presentation • Introduction to the design flow of an automation solution (technical specifications, HW components, SW architecture) 	14 – 17.00
24/10/2022	<ul style="list-style-type: none"> • Introduction to Codesys 3.5 IDE • Introduction to international standard IEC 61131-3 for programmable logic controllers (programming languages, Function & Function Block) 	14 – 17.30
31/10/2022	<ul style="list-style-type: none"> • PLC & Motion Programming - samples and exercises 	14 – 17.30
7/11/2022	<ul style="list-style-type: none"> • PLC & Motion Programming - samples and exercises 	14 – 17.30
14/11/2022	<ul style="list-style-type: none"> • Sample machine • HW components analysis • SW architecture analysis 	14 – 17.30
21/11/2022	<ul style="list-style-type: none"> • SW development – PLC part 	14 – 17.30
28/11/2022	<ul style="list-style-type: none"> • SW development – Motion part 	14 – 17.30
05/12/2022	<ul style="list-style-type: none"> • SW development – HMI base 	14 – 17.30
12/12/2022	<ul style="list-style-type: none"> • Test solution • Course closure 	14 – 17.00

