

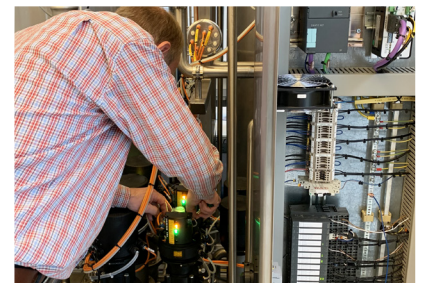
Au2mate Academy

AS-I BUS DESIGN & INSTALLATION

COURSE NO. 14: AS-I BUS DESIGN & INSTALLATION

PROGRAM - SHORT DESCRIPTION · DURATION: 1 DAY - 08:30-16:00

Target audience	The course is targeting technical personnel who will be involved in design, installation, and maintenance of AS-i bus solutions.
Prerequisites	Basic knowledge regarding automation technology and equipment. User of Windows based PCs.
Short description	<p>Basic introduction to AS-i bus technology/solutions.</p> <p>The course will cover topics such as:</p> <ul style="list-style-type: none"> • General introduction to AS-i bus structure & protocol V2.0, 2.1 & 3.0 • Different types of AS-i modules and wiring methods • Design rules for AS-i bus • Addressing of AS-i modules • Configuration of master/slave modules • PLC configuration and setup • PROFINET/AS-i bus setup • Practical exercises in connecting/replacing modules • Practical exercises in setup/addressing of modules • Diagnostics – typical installation faults • Fault finding at live plant
Objectives	<p>Upon completion of this course the attendant will have obtained:</p> <ul style="list-style-type: none"> • Basic understanding of AS-i bus • Skills in design & installation of AS-i bus solutions • Skills in setup/test and diagnostics of AS-i bus solutions



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