

Microprocessor Actuator service training Class C

Training will be for the AUMA AC01.2 version controls with analog & discrete inputs.

Prerequisite for attendees:

Either the technician has attended the AUMA Microprocessor Actuator service training (**Class B**) or has extensive field experience with AUMA AC01.2 microprocessor based actuators and the CDT program. Advanced trouble shooting skills, with knowledge of basic electrical circuits along with basic computer skills including Windows file management are required. Valve knowledge is helpful but not mandatory.

Attendees **must** bring a laptop or tablet with **Windows** operating system and working Bluetooth radio either internal or via a Bluetooth USB dongle. Bluetooth version 2.1 or later.

Upon completion of this class the student should be able to:

- Identify the AUMA product range including AC01.2 Microprocessor controlled actuators
- Trouble shoot and program the MWG encoder within the actuator
- Read the microprocessor supplied actuator wiring diagram
- Use advanced CDT tools to trouble shoot the AUMATIC (AC01.2) motor controls
- Replace and program the circuit boards within the AC01.2 controls

Software:

The AUMA CDT program will be used for the advanced programming and troubleshooting of the AC01.2 controls.

Upon completion of this class the student should be able to:

- Use CDT for the programming of custom parameters of the AC01.2
- Create SD cards for the use of updating firmware
- Use the Process data monitor for view the reaction of the actuator
- View and edit asset management features within CDT
- Compare parameter setting between different actuators
- Analyze snapshot files

Although this is a WINDOWS based CDT class the ANDROID version “AUMA Assistant” will be discussed.

A certificate of completion and AUMA tool kit will be provided to each student who successfully completes the Microprocessor Actuator Training Class C.