

Educational Services

Maximize Your Investment with Well-Trained Personnel



DeltaV™ Hardware & Troubleshooting Course 7018 (CEUs: 2.8)

This course provides an overview of the DeltaV™ Control Network, M- and S-series hardware, and software applications. Upon completion, you will be familiar with the hardware and be able to perform troubleshooting techniques. This 4-day course focuses on the hardware components that make up the DeltaV system: M-series controllers and I/O, S-series controllers and I/O (including CHARMs), and DeltaV Smart Switches. Using a combination of lectures and workshops, you will learn how to use operator and diagnostic tools to identify and locate hardware-related fault conditions. Workshops provide the opportunity to disassemble and reassemble the M- and S-series hardware and return the system to an operating state. If your systems include bus technologies such as FOUNDATION Fieldbus, we recommend courses 7030, 7032, or 7037. The 7018 course satisfies the prerequisite requirement for these bus course (except 7032). This course includes access to brief recorded demonstrations available after course completion so students can review exercises completed in class.

Audience

This course is recommended for instrumentation and maintenance technicians, managers, and configuration engineers who need to know about DeltaV hardware.

Prerequisites

Windows Experience

Topics Include

- DeltaV Overview
- Operator Alarms
- DeltaV Diagnostics
- DeltaV Smart Switches
- DeltaV I/O Cards and Carriers
- Controllers and Power Supplies
- Electronic Marshalling (CHARMs)
- HART I/O
- Redundant I/O

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Emerson Educational Services is accredited by the International Association for Continuing Education and Training (IACET) and is accredited to issue the IACET CEU.

 **R.E. MASON**

Emerson Impact Partner

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Course Information

- Date:** October 8-11, 2019
- Location:** Emerson Training Center, 6135 Lakeview Road, Suite 500, Charlotte, NC 28269
- Price:** \$3,550 per person
- Sponsored By:** Emerson Educational Services and R.E. Mason
- Registration:** Payment is required at the time of enrollment.
Please make PO, Check or Credit Card to Robert E. Mason & Associates, Inc.
- Contact for Questions:** Kathleen Myers | Education Coordinator
Email: Kathleen.Myers@remasonco.com
Phone: (704) 375 4464
- Website:** <https://remason.com/training>

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