

# Educational Services

Maximize Your Investment with Well-Trained Personnel



## Control Valve Engineering Course 1300 (CEUs: 2.1)

This 3-day course reviews design and operating principles of control valves, actuators, positioners and related accessories. It describes the sizing and selection methods for a broad variety of control valves assemblies. Students will solve several demonstration sizing and selection problems using Fisher Specification Manager and published materials, plus participate in equipment demonstrations and hands-on workshops. Students who complete this course will:

- Select the proper valve characteristic for a given process
- Choose suitable styles of control valves for an application
- Size control valves and actuators
- Properly apply positioners and instruments

### Delivery Options

This training is also available as a remote virtual classroom course 1300V.

### Audience

This course is for engineers, technicians and others responsible for the selection, sizing, and application of control valves, actuators and control valve instrumentation.

### Prerequisites

Some experience with industrial controls equipment including control valves and actuators would be helpful.

### Topics Include

- Control Valve Selection: Rotary/Sliding Stem
- Actuator Selection and Sizing
- Liquid Valve Sizing
- Gas Valve Sizing
- Positioners and Transducers
- Valve Application Guidelines
- Valve Characteristics
- Valve Packing Considerations

#### Educational Services

✉ [Education@Emerson.com](mailto:Education@Emerson.com)

🌐 [www.emerson.com/education](http://www.emerson.com/education)

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



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## Course Information

- Date:** March 26-28, 2019 **Note:** Date change from 4/9/19-4/11/19.
- Location:** R.E. Mason, 5101 Craig Rath Blvd. Midlothian, VA 23112
- Price:** \$2,940 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](mailto:Kathleen.Myers@remasonco.com)  
Phone: (704) 375 4464
- Website:** <https://remason.com/training>

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