



Training to Fit Your Needs

Expedite the learning curve at the Interactive Plant Environment, where Emerson courses are designed to enhance the learner's training experience on Rosemount™ and Micro Motion™ products by simulating real-life plant situations. This immersive training models plant environments, where we can replicate your most common (and unexpected) process scenarios. Our benign oil and water process offers a breadth of measurement points, enabling contextual training within a hazard-free environment. At the Interactive Plant Environment, we're building process proficiency and know-how that far exceeds basic classroom knowledge.

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Resources



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ENSURE TIME SPENT IN TRAINING IS TIME WELL SPENT

Emerson certified trainers understand your industry and bring our deep product expertise into the classroom. With ready access to the collective Emerson knowledge and talent pool, your local trainer can provide a precise answer to your most complex questions.

Emerson certified trainers are:

Experienced with field expertise in Rosemount and Micro Motion products

Educated through rigorous technology coursework and certification processes

Certified to instruct on Rosemount and Micro Motion products and trained in adult learning techniques



Rosemount Pressure, Temperature, MultiVariable Flow Transmitters, Interactive Plant Environment - 2829

Overview:

This four-day course combines lectures with bench-top labs and uses the interactive plant for scenario-based training. Ideal students are individuals responsible for the installation, configuration, calibration, and maintenance of the Rosemount Pressure, Temperature, and MultiVariable™ Flow transmitters. Students shall apply classroom knowledge directly to the interactive plant scenario labs.

Topics:

- Identify transmitter parts and functionality
- Explain the principles of operation of the transmitters
- Configure, calibrate, and test transmitters using the field communicator, AMS Device Manager, and Engineering Assistant software
- Configure the compensated flow parameters
- Properly install and troubleshoot pressure, temperature, and MultiVariable flow transmitters

Courses are available in Charlotte, NC and Minneapolis, MN.

[**View Course Schedule Here >**](#)

Rosemount Guided Wave & Non-Contacting Radar Level Transmitters, Interactive Plant Environment - 2896

Overview:

This two-day course combines lectures with bench-top labs and uses the interactive plant for scenario based training. Students shall apply classroom knowledge directly to the interactive plant scenario labs.

Topics:

- Identify transmitter parts and functionality
- Explain the principles of operation of the transmitters
- Configure, calibrate/verify, and test Radar Level transmitters using the field communicator and Rosemount Radar Master software

Software:

- Understand how to set up the radars in different applications
- Properly install and troubleshoot the Rosemount 5300 and 5400 transmitters and their applications

Courses are available in Charlotte, NC and Minneapolis, MN.

[**View Course Schedule Here >**](#)



[Rosemount Wireless Self Organizing Networks, Interactive Plant Environment - 2875](#)

Overview:

This three-day course combines classroom theory with hands-on labs. Learn by doing with the Interactive Plant Environment. This unique training setting provides a safe and realistic environment to elevate skills and knowledge through direct interaction with live wireless networks and devices. This course is designed for engineers and technicians with responsibilities that include: startup, configuration, troubleshooting, and host integration of wireless networks and devices.

Topics:

- Perform a wireless network planning walkthrough
- Know and operate wireless network planning tools
- Install a wireless network following wireless best practices
- Installation and configuration of wireless devices
- Installation and configuration of Emerson Wireless 775 THUM™ Adapters
- Troubleshoot Wireless networks, performance and connectivity

Prerequisites:

Some experience in Wireless Networks and Host integration would be helpful, but not required.
Some basic instrument knowledge would be beneficial.

Courses are available in Charlotte, NC and Minneapolis, MN.

[View Course Schedule Here >](#)

[Micro Motion Coriolis Product, Interactive Plant Environment - 5705](#)

Overview:

This two-day course consists of a blend of lectures and hands-on exercises that cover the installation, configuration, calibration checks and troubleshooting of Micro Motion transmitters and peripherals. Course includes hands-on exercises within the Interactive Plant Environment training facility. Customer exclusive classes can be customized to address transmitter and configuration tools specific to that customer. This course also includes an introduction to the Micro Motion 5700 transmitter.

Topics:

- Explain the principle of operation for how a Micro Motion Coriolis meter works and the function of the key components
- Apply the installation best practices for orienting, mounting and wiring the sensor and transmitter
- Configure the metering system to measure flow, density, and temperature for their application
- Apply a step-by-step process to perform basic troubleshooting of the most common meter and process issues
- Experience hands-on simulated plant environment with operating flow meters

Courses are available in Charlotte, NC and Minneapolis, MN.

[View Course Schedule Here >](#)

Students shall wear proper PPE and ensure proper safety measures are met while working in the plant.



Rosemount 3051 Pressure & 3144P Temperature Transmitters, Interactive Plant Environment - 2898

Overview:

This three-day course combines lectures with bench-top labs and uses the interactive plant for scenario-based training. The ideal students are individuals responsible for the installation, configuration, calibration and maintenance of the Rosemount Pressure and Temperature transmitters. Students shall apply classroom knowledge directly to the interactive plant scenario labs.

Topics:

- Explain the difference between HART® & Analog transmitters
- Identify transmitter parts and functionality
- Explain the principles of operation of pressure and temperature transmitters
- Configure, calibrate, and test pressure and temperature transmitters using the field communicator
- Properly install and troubleshoot pressure and temperature transmitters

Courses are available in Charlotte, NC and Minneapolis, MN.

[View Course Schedule Here >](#)

Rosemount 8800 Series Smart Vortex Flow Meters, Interactive Plant Environment - 5716

Overview:

This one-day course consists of a blend of lectures and hands-on exercises that cover how to install, configure, and maintain the Rosemount 8800 Series Smart Vortex Flow Meter Systems. Students will learn the operation and Local Operator Interface as well as how to use these tools to perform configuration. Common issues encountered and troubleshooting techniques will also be covered. This course includes hands-on exercises within the Interactive Plant Environment training facility. Customer exclusive classes can be customized to address transmitter and configuration tools specific to that customer.

Prerequisites:

None required. It is beneficial to have a basic understanding of the fundamentals of flow measurement, electricity, analog & frequency signal processing.

Courses are available in Charlotte, NC and Minneapolis, MN.

[View Course Schedule Here >](#)



Rosemount 8700 Series Magnetic Flow Meters, Interactive Plant Environment - 5715

Overview:

This one-day course consists of a blend of lectures and hands-on exercises that cover the installation, configuration, calibration checks and troubleshooting of the Rosemount 8700 Series Magnetic Flow Meter Systems composed of the Model 8712 and 8732 Transmitters as well as the 8705 Flanged and 8711 Wafer Sensors. The students will learn the operation and capabilities of the Local Operator Interface and how to use these tools to perform configuration. Common issues encountered and troubleshooting techniques will also be covered. This course includes hands-on exercises within the Interactive Plant Environment training facility. Customer exclusive classes can be customized to address specific transmitter and configuration tools specific to that customer.

Prerequisites:

None required. It is beneficial to have a basic understanding of the fundamentals of flow measurement, electricity, analog & frequency signal processing.

Courses are available in Charlotte, NC and Minneapolis, MN.

[View Course Schedule Here >](#)

Students shall wear proper PPE and ensure proper safety measures are met while working in the plant.



Registration Information

[Click here to register online through MyTraining.](#)

To register by phone, call Emerson Educational Services: 1-800-338-8158

For additional questions or a list of courses, please visit www.Emerson.com/Education

Purchase order or credit card required for enrollment.

Credit cards preferred: 

Most major credit cards accepted.

Purchase orders must be made out to:

Emerson Automation Solutions

c/o Educational Services

1100 West Louis Henna Blvd. - Bldg 1

Round Rock, TX 78681-7430

Payment Terms: Net 30 days

Please Include on PO: Student's Name, Course Number

Emerson's Payment Terms (Net 30 Days), and Course Tuition Price

Please email all purchase orders to Education@Emerson.com

Please Note: To complete the registration process, attendees must register through MyTraining or call the registration center (800-338-8158). Only receipt of purchase order guarantees a seat.

Cancellations:

You may cancel your reservations up to 14 calendar days prior to the start of the course without incurring a cancellation fee.

50 percent of the full tuition will be charged for cancellations received during the 14 days prior to the start of the course, and full tuition will be charged for failure to attend without cancelling. Substitutions are accepted until the first day of class. Scheduled courses may be cancelled due to low enrollment.

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