

Educational Services



Training to Fit Your Needs

Movicon.NEXT™ is the new industrial software platform that offers the most innovative and flexible software technology for Window/Linux HMI projects, for SCADA supervisory systems, efficient MES analysis solutions that are essential to Industry 4.0. Our Movicon.NEXT Fundamentals and Advanced courses upskill your team on this latest in HMI technology.

We invite you to attend one of our Emerson Automation and Controls Product Training Courses. These courses use lecture and hands-on workshops to teach students to properly install, configure, program, troubleshoot, and maintain a variety of products



Resources



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ENSURE TIME SPENT IN TRAINING IS TIME WELL SPENT

Emerson certified trainers understand your industry, and bring our deep 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 have the following qualifications:

Experienced with field expertise in each specific Emerson Automation and Controls product

Educated through rigorous technology coursework and certification processes

Trained on Emerson Automation and Controls products and trained in adult learning techniques

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[Movicon.NExT Fundamentals - 7704](#)

Overview:

This three-day course explains the basic fundamentals of the Movicon.NExT industrial software solution. The course uses lectures and labs to teach the students.

Those who complete this class will be able to:

- Create a Movicon.NExT Project along with basic HMI screen layout with animated elements
- Configure I/O communications with multiple I/O data sources
- Configure Alarms, Data Logging, and Data Trending for collection and display on HMI screens

Topics:

- Introduction
- Software Installation
- Programming Environment
- I/O Data Server
- Client and Surroundings
- Alarms
- Historian and Data Logger
- Trend and Data Analysis
- Text and Languages
- Security and User Management
- Schedulers and Events
- Recipes
- WebClients

Prerequisites:

Participants should be comfortable operating in a Microsoft Windows environment, and have a basic understanding of control fundamentals.

Price: \$1900 per student

Times: Classes typically start at 8AM Monday and end at 5PM on Wednesday

[Movicon.NExT Advanced - 7705](#)

Overview:

This two-day course builds on the basic fundamentals of the Movicon.NExT industrial software solution to learn how to utilize advanced features such as Power Template and 3D Graphics. The course uses lectures and labs to teach the students.

Those who complete this class will be able to:

- Apply Movicon.NExT tools such as Screen Parametrization, Power Templates, and Aliases for effective HMI application development
- Setup and configure OPC-UA communications
- Create and debug logic written in VB.Net Script
- Understand basic concepts of using 3D graphics
- Configure and apply the Alarm Dispatcher

Topics:

- Screen Parametrization
- Power Templates
- Alias on Objects
- OPC-UA Setting-Up and Configuring in Software
- VB.Net Scripting
- 21 CFR Part 11 Compliance
- 3D Graphics
- Alarm Dispatcher

Prerequisites:

Participants should be familiar with the Movicon.NExT programming environment and its basic functions.

Special Bundle Pricing:

If 7704 and 7705 are purchased together, a special bundled price of \$2800 per student is available

Price: \$1500 per student

Times: Classes typically start at 8AM Thursday and end at 5PM on Friday



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✉ Education.Manila@Emerson.com
🌐 www.Emerson.com/Education





Registration Information

To register online: Click here, [MyTraining](#)

To register by phone: Call Emerson Educational Services at **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 Process Management LLLP

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.

Global Headquarters

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