



## *Emerson Educational Services*

*Maximize Your  
Investment with  
Well-Trained Personnel*





## Exceed Expectations with Prepared Personnel

Skilled personnel anticipate needs; they solve tough problems; they make an operation run smoothly. That's why training is the cornerstone of maximum availability, sustainability, and operational excellence at your facility.

A well-trained team knows their tools and knows how to use them to meet short-term and long-term goals. Work with a partner – Emerson Educational Services can bring your entire team the expertise they need to face each challenge.

Whether your team must configure and calibrate valves, predict machinery faults, or develop a control strategy, Emerson Educational Services has the coursework to prepare your team. Investing in your team will also:

**Train and keep high-quality team members.** What if you train personnel and they leave? Worse yet, what if you don't train them and they stay? Train personnel and improve not only operations, but a sense of ownership in the operation's results – a proven ingredient in employee satisfaction and retention.



**Learn best practices to meet profitability goals.** Emerson instructors reach deep into their decades of product experience and industry best practices. Profit from their experience to meet your business goals.



**Choose hands-on learning and train for real-life challenges.** Emerson instructors combine hands-on training with real-life examples to prepare your personnel to find solutions in the midst of challenging situations.



### Sources of Skill Shortages

- Fewer Incoming Workers
- Retiring Workforce
- Fewer Specialists
- Inexperienced Workers
- More Technology
- Larger, More Complex Processes

***“32% of O & G industry survey respondents said skills shortage was among the largest threats particularly in subsea and LNG operations where the shortage is felt in terms of project costs and delays. This threat rated second only to economic instability at 34%.”***

*Oil and Gas Workforce Report Published by oilcareers.com and Air Energi, March 2013*



## Train and Keep High-Quality Team Members

Consider Emerson training as the effective short- and long-term solution to maximize the return on your most significant investment: your employees.

Through Emerson coursework, employees obtain the knowledge they need to not only perform their jobs, but seek efficient solutions to daily issues. They will perform with a real sense of ownership and satisfaction — resulting in increased retention.

Whether you choose individual classes or a complete education program designed specifically for your organization, Emerson can be your single expert training source and offer flexibility to work within your schedules and shifts.

Your facility will benefit from these options:

- Accelerated boot camp developed for your new recruits.
- Assessments for skill gap analysis specific to your facility.
- Efficiently delivered blended learning approach.

### Competency Development Program



*To create a competency development program, Emerson follows a proven process that starts with Educational Services consultants leading your management team to identify items such as job-role definitions and skills gap analysis. We will also guide the team to discuss methods of assessing the training success.*



**A competency development program assists in attaining your unique goals.**

***“The training exceeded my expectations. I wanted information on sizing control valves and I got that plus much other useful information.”***

*Operations/Production Worker in the Oil and Gas Industry*

## Learn Best Practices to Meet Profitability Goals



With world-class training, your personnel will apply best practices to Emerson products and applications throughout your facility.

Your personnel want to perform high-quality work that shows positive results. Learning best practices, your personnel will avoid inadvertent operator errors and improper maintenance that lead to energy waste, contamination, unplanned shutdowns, and off-spec product.

**“The material was good. I needed the review of the PID, the instructor explained it in a way that really helped me to understand it much better than I previously did.”**

Maintenance Worker in the Refining Industry



**“The training our operators received was second to none. The real-life exercises put our operators at the top of their game and helped make this one of the best startups I’ve ever seen. We finished a day early with no injuries or environmental incidents.”**

Operations Manager in the Refining Industry

### Increased Productivity

Emerson instructors’ application expertise and practical field experience dramatically boost students’ skills and performance. And evergreen training keeps your people up to date on the latest technologies, enabling them to uncover new process improvements.

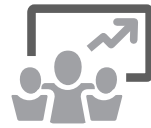
### Broad Emerson Offerings

In developing courses and education paths, we draw from multiple disciplines: control, measurement, regulation, and automation. In this way your personnel will get the most from the Emerson products and applications at work in your operations.



### IACET Authorized Provider

Emerson Educational Services has been accredited as an Authorized Provider by the International Association for Continuing Education and Training (IACET). Students enjoy a consistent high-quality class experience.



## Choose Hands-On Learning and Train for Real-Life Challenges

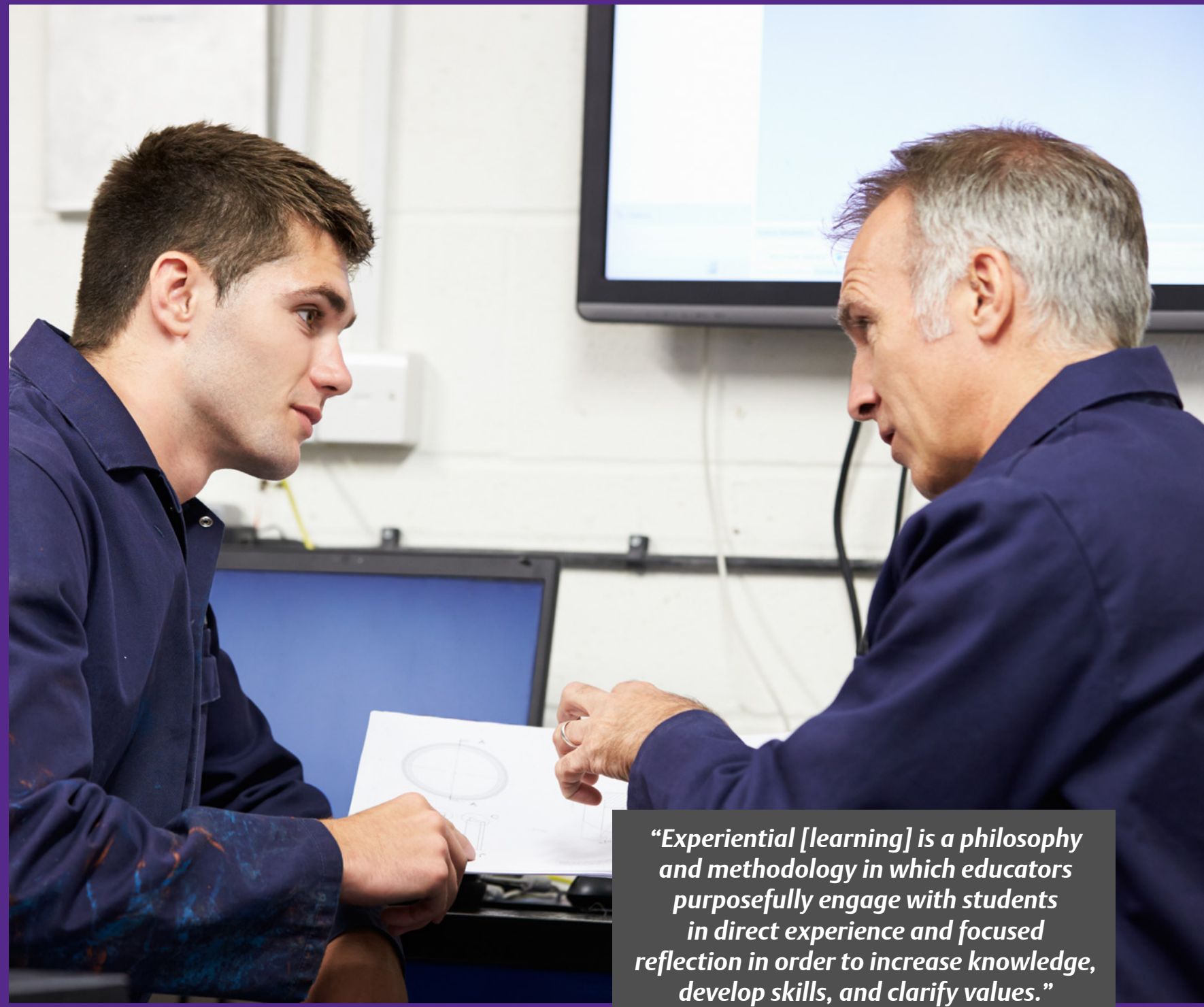
Learning styles vary as widely as people do. Proof shows, however, that hands-on training and experiential learning bring out questions and solidify ideas for students.

Emerson delivers comprehensive, hands-on blended training programs — including on-site instructor led, virtual, eLearning, and more. Hands-on training provides practical application skills with dedicated hardware at regional training centers or locally.

Because your facility’s requirements extend beyond Emerson products, we offer classes in best practices such as process control design.

***“The workshop was great! I liked having the hands-on training. It is what made everything really come together.”***

*Maintenance Worker in the Chemical Industry*



***“Experiential [learning] is a philosophy and methodology in which educators purposefully engage with students in direct experience and focused reflection in order to increase knowledge, develop skills, and clarify values.”***

*Association of Experiential Education*

### Your Choice of Learning Platforms

Your Emerson training plan is designed and developed toward your objectives. For any learning situation - on-site, virtual learning, or eLearning - you can choose to include facility scenarios, student testing, student scoring, and reports of student progress.



#### On-site Traditional

Courses can be taken at an Emerson regional training center, at a local site, or in your facility. Instructor-led classes provide local language support with the equipment and tools necessary for hands-on deep dives into engineering, maintenance, and operations knowledge.



#### Virtual Learning

An instructor, based at an Emerson facility, leads virtual learning classes while students in their own locations interact with instructors, the equipment, and other students in real-time.



#### eLearning

In an eLearning setting, students learn at their own pace, on their own schedule, online with no travel required. A Learning Management System (LMS) monitors their hands-on learning progress.



## Worldwide Satisfaction

*Train Personnel to Be Confident.  
Capable. Interested. READY.*

We hope you will invite Emerson to instill confidence and develop capabilities in your personnel. We will guide them to be interested in potential solutions – ready to move your facility to greater efficiency and profitability.

Whether for a new project or for ongoing operations and maintenance, Emerson provides consulting services, skills assessments, and the right training solutions at the right time.

- Project consultants identify targeted business results where training solutions can improve plant operations.
- A skills assessment identifies skills gaps that can be addressed with training and prescribes the proper training solution.
- Your staff will be prepared when your project comes on line and throughout continuing operations and maintenance.

Across the world over several decades, Emerson has developed and dedicated substantial resources to training operators, engineers, technicians, and maintenance personnel. We are ready for you anywhere and anytime.




*Training centers and certified  
instructors in more than 40 countries.*



*“Course material greatly increased my understanding of control valves and will improve my ability to troubleshoot issues and design control valves when needed. I like the labs and having valve internal parts available for hands on inspection.”*

*Engineer in the Chemical Industry*



Attain all the benefits your Emerson solution has to offer: ***Receive training from the experts at Emerson Educational Services.***

You will find a sustainable, competitive edge through classes that help maximize your investment.

Contact us at **800-338-8158** or **641-754-3771**  
or see us on our website at  
**[http://www.emerson.com/en-us/automation/  
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**EMERSON. CONSIDER IT SOLVED.**