

Industrial Workforce Development Takes Center Stage at Automate 2025

Festo Didactic to showcase key training systems and skill-building for the automation industry
Visit Booth #1619

Festo Didactic, a leader in technical education solutions, is heading to Automate 2025 with the latest innovative education and training programs for the automation industry. Automate 2025 is a premier showcase for automation technologies and solutions, and Festo Didactic will be there to highlight the critical role of workforce development and acquiring new skills to advance the industry

Karolyn Ellingson, Head of Industrial Workforce Development, will demonstrate Festo Didactic's learning systems at the booth. "Festo Didactic offers unmatched hands-on training across a variety of automation fields," Ellingson said. "Our learning materials and equipment are developed by automation experts to create safe, efficient, and realistic Industry 4.0 working environments, ensuring that each individual gains the necessary skills and knowledge to thrive in modern manufacturing."

Automate 2025 is the largest robotics and automation gathering in the Americas. The event serves as an important hub for industry professionals, innovators, and educators who each have a stake in keeping pace with the advancement of automation solutions. While the innovation presents excitement and opportunity, the STEM skills shortage remains a persistent challenge for employers. For [83%](#) of manufacturers, attracting and retaining a quality workforce remains their top focus. Thus, in addition to showcasing cutting-edge automation technology, Automate 2025 is also a critical time for collaboration, knowledge sharing, and workforce development initiatives aimed at bridging the skills gap.

"We understand the challenges employers are facing when it comes to finding qualified workers. Festo Didactic is committed to enhancing workforce capabilities, increasing factory uptime, cost-savings, and output for manufacturers" Ellingson added.

At the booth, Festo Didactic will feature two [suitcase trainers](#) to demonstrate the integration of a variable frequency drive (VFD) and a programmable logic controller (PLC). The demo will illustrate how a PLC can control and adjust the speed of a motor through a VFD, a fundamental concept in automation. The setup will also include a traffic light to visually indicate relay triggering and simulate machinery status, providing a dynamic and engaging example of automation principles.

Additional highlights at the Festo Didactic booth include:

- New Training Courses: Festo Didactic is continually expanding its [online course](#) offerings and skill assessment capabilities to meet industrial hiring needs. Most

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recently, Didactic introduced [Stepper and Servo](#) Motor Control Technology Training Packages. Stepper and Servo motors are essential for precise and controlled motion. They enable automation, accuracy, and efficiency in a wide variety of industrial applications for increased productivity and competitiveness. To learn more about the benefits of having Stepper and Servo in your classroom, please visit the Festo Didactic booth #1619 or contact Karolyn Ellingson karolyn.ellingson@festo.com.

- **Industry Certifications:** Certifications demonstrate mastery of knowledge and specialized skill sets. Certifications can also improve job prospects, marketability to employers, and the continuation of postsecondary education. Today, workers with an industry-based certification are more likely to be employed than adults without such credentials. [Festo's Industry Certification Program \(FICP\)](#) is designed to help close the STEM skills gap while increasing an individual's earning potential. Developed by industry experts and educators, FICP's approach to Industry 4.0 job training complements existing certificate, associate, and bachelor degree programs, offering three levels of certification towards career advancement. Last year, over 11,000 Festo Industry Certifications were issued, increasing the total to 30,000+ certifications since the start of Festo Didactic's partnership with NC3.
- **Recognizing Women in Manufacturing:** A [Women's Empowerment Breakfast](#) will be held on Wednesday, May 14th at 7:30 AM hosted by the Association for Advancing Automation (A3) Inclusive Leadership Committee to network with peers and celebrate the leadership and achievements of women in the automation industry.

Press Images



Suitcase trainers

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Festo Didactic North America

Festo leverages its automation expertise to provide comprehensive industrial and technical education solutions. Festo Didactic is committed to providing educators and employers with the hands-on training, digital coursework and blended learning solutions needed to close the STEM skills gap. Our lab equipment, curriculum and certification programs are thoughtfully designed to support various learning pathways and on-the-job training. With over 30,000+ certifications issued and 36,000 Festo-equipped educational institutions, Festo Didactic and its partners are preparing students and employees for the future of work. Learn more at [Festo.com](https://www.festo.com)