

Festo Didactic Showcases Next-Generation Industry 4.0 and AI Training Systems at ACTE CareerTech VISION 2025

Shaping tomorrow's workforce with cutting-edge learning systems for EV, Semiconductor, and Smart Manufacturing

Festo Didactic, a global leader in technical education and workforce development, is returning to the Association for Career and Technical Education's (ACTE) CareerTech VISION 2025 conference with an expanded and interactive showcase of training systems designed to future-proof the industrial workforce.

Attendees are invited to visit booth #314 from December 10 - 11 at the Gaylord Opryland Resort & Convention Center in Nashville, Tennessee, to experience hands-on learning for in-demand, high-tech careers in manufacturing. Festo Didactic will feature the latest in Industry 4.0 and Industrial Internet of Things (IIoT) manufacturing training, including emerging technology and updated curricula for Artificial Intelligence (AI), machine learning (ML), robotics, electric vehicles (EV), and semiconductor manufacturing.

"To succeed in today's AI-driven landscape, educators, employers, and workers must continuously evolve together," said Octavio Rojas, Sales Director for Festo Didactic. "Festo Didactic stands at the forefront of emerging technologies in manufacturing and automation, committed to equipping educators, students, and manufacturers with the tools and knowledge necessary to be future-ready. Our specialized training systems cover technologies such as electricity, mechanics, robotics, and industrial controls, as well as key industries including electric vehicles (EV), semiconductors, and AI-driven production. These programs directly address the national demand for a skilled workforce in these critical sectors of the economy."

What to Expect at the Festo Booth & Workshop Interactive Demonstrations at Booth #314:

- **Artificial Intelligence in Production:** Get an early look at [Festo AX for Learning Factories](#), industry-proven machine learning software for the classroom. Festo AX, when applied in real industrial settings, supports predictive maintenance and ensures product quality and energy efficiency. Festo AX can reduce factory downtimes by 25%, cut waste by 20% and reduce leakages up to 65%.
- **Training for Tomorrow's Chipmakers:** Learn how Festo is meeting the workforce challenge in [semiconductor manufacturing training](#) with its Semiconductor Learning Factory and Capstone Semiconductor Curriculum.
- **Electric Mobility Career Pathways:** See the training system that prepares students for careers in the rapidly growing electric vehicle sector, covering the [EV charging process](#) from safety and grid connection to communication protocols and diagnostics.
- **A New Standard in Electrical Training:** Experience [Electeo](#), a cutting-edge system designed to build strong foundational skills in electrical engineering and troubleshooting.
- **Hands-On Automation and Robotics:** Engage with the [MecLab Ultra](#) for real-world automation training, and the [SkillsConveyor](#), a compact system perfect for any

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classroom to teach core automation, sorting, and sensor concepts.

- **Teaching Safety in Automation:** See the [SICK Safety Bundle](#) integrated with Festo systems, allowing students to practice configuring and troubleshooting real-world safety solutions critical for modern factory floors.
- **Festo Industry Certification Program (FICP):** [Learn about FICP](#), developed in partnership with the National Coalition of Certification Centers (NC3), industry partners, and educators to offer quality, stackable, and globally recognized certification programs that validate student skills against the highest industry standards.

Free Workshop: Future-Ready Classrooms

Festo Didactic will host a complimentary workshop on next-generation technical education for all VISION attendees.

- **Title:** Future-Ready Classrooms: Integrating EV, Semiconductor, and Manufacturing Trends
- **Focus:** Equipping students for careers in advanced Industry 4.0 manufacturing, including semiconductor processing and EV battery production. The session will cover the need for updated curricula that integrates AI, machine learning, IoT, and robotics through specialized, hands-on courses.
- **Date:** Tuesday, December 10, 2025
- **Time:** 2:00 PM
- **Location:** Exhibitor Workshop Area
- **Free to attend, walk-ins welcome!**

To ensure dedicated time with a Festo Didactic expert to discuss specific projects or interests, attendees are encouraged to secure a meeting time via the online form available on the Festo Didactic event page.

For demo inquiries, please contact Octavio Rojas: octavio.rojas@festo.com

Press Images

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)