

Comprehensive educational services

Flexible, focused training on Omron solutions



- Balance of theory and hands on training
- Varied offering with multiple training paths
- Small class size with flexible location options
- Comprehensive coverage of Omron's technologies

The ideal solution for training and development

Help your employees succeed by giving them the comprehensive training they require. Omron's educational services provide individual classes and guided training programs to help your team develop the expertise necessary to support your production. With a strong emphasis on customer needs, our programs include both hands-on modules and theory-based learning. We keep the classes small and focused to insure the best possible learning experience. We offer traditional in person classes either at your facility or one of our regional training centers. We also offer online training for many of our classes.





Coursework tailored to the needs of your employees

Omron's training programs cover all of Omron's technologies:

- Sysmac Automation Platform
- CX-One Automation Platform
- Advanced Sensing/Vision
- Functional Safety
- Robotics
- Advanced Motion and Networks

Engineers and maintenance professionals require different training. We've optimized two separate educational tracks to fulfill the needs of both, however all courses are available to customize your own learning path.

For professionals who need to design systems from scratch, we offer programming courses. With a spotlight on key technologies, these courses train engineers on how to implement Omron's solutions to achieve the maximum benefit.

For professionals who troubleshoot existing systems or repair parts of a production line, we have a series of maintenance courses. These include theoretical aspects but highlight system maintenance, fault diagnosis and rapid system recovery for higher overall equipment effectiveness.



Precisely Right.

Certification, skill building, and solution based classes

For those seeking a holistic approach to Omron technology, we offer a series of courses that are focused on general engineering, industry and safety solutions.

Our Skill Builder trainings are designed to help your team gain confidence in fundamental manufacturing skill sets such as machine safety.

Through our partnership with TÜV Rheinland, Omron can provide the necessary training to achieve the prestigious TÜV Certification for Functional Safety Engineer. A Functional Safety Technician class is also available for maintenance personnel.

Virtual training

In live and regularly scheduled sessions, our instructors provide in-depth training on Omron's advanced technologies. In what are typically 3.5 hour sessions on multiple consecutive days, the instructor provides formal training via lectures and lab exercises to multiple students.

Just as with our in-person classes, the instructor will answer questions and address concerns in real time to ensure that the students are getting the maximum benefit from the material.

On-demand training

With our on-demand training sessions, you can take a deep dive into Omron's technologies on your schedule and at your own pace. Pre-recorded by our training team, these courses cover much of the same material as our in person classes.

Unforeseen emergencies can get in the way of traditional training styles. We make it possible for you to start, pause and repeat sections at your convenience, so that you can tailor the on-demand class to your availability without sacrificing skills development or day-to-day responsibilities.

Flexible training opportunities to fit your budget and schedule

Omron's online training sessions give you the flexibility to develop your critical skills and reap the greatest possible value from your automation technology.

We offer a variety of options so that you can access high-quality, professional training while meeting the requirements of your demanding schedule. Our online courses cover much of the same material as our in person classes, while eliminating the costs and hassles of attending sessions at an offsite location.

With courses ranging from introductory automation concepts to more in-depth sessions on advanced technologies, our online trainings support employees who are just starting out as well as experienced professionals looking to stay current in the rapidly evolving world of automation.





Course Listings

Programming Courses

Sysmac	Sysmac Programming Sysmac ePLC Robot Programming Sysmac Safety Sysmac HMI Sysmac Motion
CX-One	CX-Programmer CX-Programmer Advanced
Advanced Sensing/Vision	FH/FZ/FJ/FHV Vision Systems Programming FH 3D Machine Vision LVS-95XX Software MicroHAWK Weblink AutoVISION Programming Visionscape FrontRunner Machine Vision Training
Robotics	Mobile Robot Programming & Fleet Management TMFlow Programming TMVision & Palletizing ACE Programming
Advanced Motion & Networks	Ethernet/IP Network Power PMAC Essentials Power PMAC Application Training

Maintenance courses

Sysmac	Sysmac Maintenance
Robotics*	eCobra / sCobra 600-800 Maintenance AMR Maintenance LD Platforms

*Additional robotics maintenance classes are available through our Field Service team.

Certification, skill builders and solutions-based courses

TÜV Certification	TÜV Functional Safety of Machinery for Technicians TÜV Functional Safety of Machinery for Engineers Omron Functional Safety Training for Engineers**
Skill Builder	Functional Safety Skill Builder Robot Safety Skill Builder

**This course is a 9-week training program consisting of an 8-week prep course plus TÜV Functional Safety of Machinery for Engineers class and certification testing.

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- Industrial Robots • Mobile Robots

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