

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, and you have the flexibility to schedule them at your facility or at one of our regional training centers.

Supplementing our traditional course offerings, we offer over 50 e-learning courses, most at no charge. Flexible and comprehensive, these courses are available on all mobile and fixed platforms and in over 12 languages.



Coursework tailored to the needs of your employees

Omron's programming and maintenance classes cover all of Omron's technologies:

- Sysmac Automation Platform
- CX-One Automation Platform
- Advanced Sensing/Vision
- Safety
- Robotics
- Advanced Motion and Networks
- AOI/SPI/AXI Systems (Automated Optical, Solder and X-ray Inspection Systems)

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.

Cerftification, skill building, and solution based classes



Precisely Right.

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 TUV 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.



Course listings

Programming courses

Sysmac (NJ/NX/NA)	Programming, Motion Levels 1 & 2, HMI, Safety, Robot Programming, ePLC Robot Programming
CX-One (CJ/CP/CS)	Programming Levels 1 & 2
Advanced Sensing	FQ2 Vision Sensor Programming, FH/FZ5 Vision Systems Programming, LVS Label Verification, Barcode Basics & MicroHAWK AutoID w/WebLink, MicroHAWK Machine Vision (AutoVISION), Machine Vision (Visionscape)
Robotics	Omron Adept Robot Programming Levels 1 & 2, Mobile Robot Functional Programming, Enterprise Manager Programming for Mobile Robots, Sysmac ePLC Robot Programming, Collaborative Robots
Advanced Motion & Networks	Power PMAC Programming, Ethernet/IP

Maintenance courses

Sysmac (NJ/NX/NA)	Controller, Motion, HMI, Safety
CX-One (CJ/CS/CP/NS)	Controller, HMI
Safety	G9SP Safety Controller, NE1A Safety Controller, NX-S Sysmac Safety Controller, MS4800 Safety Light Curtain, F3SG Safety Light Curtain, OS32C Laser Scanner
Robotics*	sCobra/eCobra 600-800 Maintenance & Calibration, sCobra/eCobra 600-800 Calibration Only

Certification, skill builders and solutions-based courses

Functional Safety Machinery	TUV Functional Safety Engineer Level, Functional Safety Technician Level
Safety Skill Builder	Contact us for course specifics
Inspection Systems for Printed Circuit Boards	Solder Paste Inspection, Post-Reflow Automated Optical Inspection (AOI), X-Ray Inspection

We are constantly adding to our courses. Please feel free to contact us to learn about any new educational developments.

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

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