



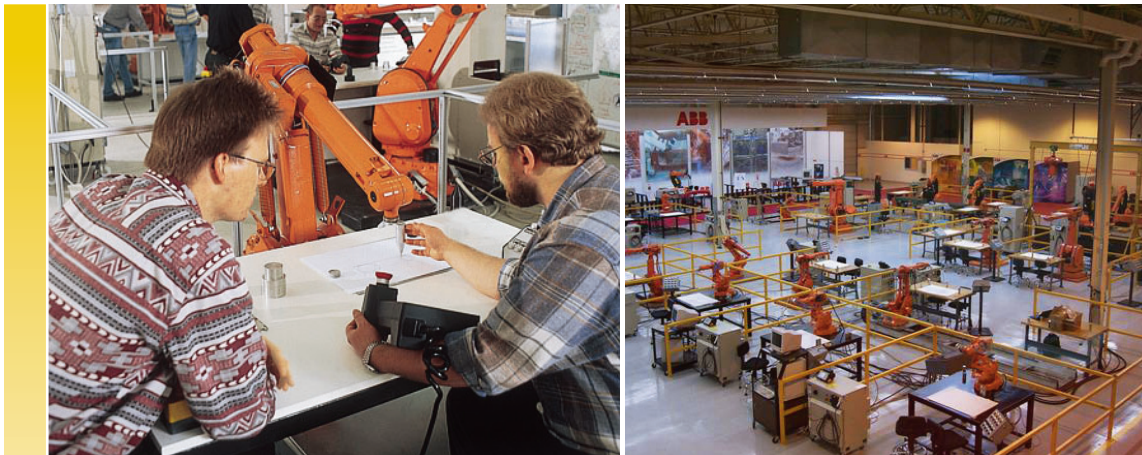
Training, Documentation & Interactive Software

TRAINING

The ABB Training group is widely regarded as the best in its class and is ISO certified. Our excellence in training is recognized by the State of Michigan, which has certified ABB as the first Original Equipment Manufacturer (OEM) to achieve State of Michigan Proprietary School status. The American Welding Society (AWS) has also designated ABB as one of a few authorized testing centers in the State of Michigan for its prestigious Certification Program for Robotics Arc Welding (CRAW).

ABB Training has over one hundred and fifty years of combined experience in robot, systems and automation applications and offers a wide range of standard equipment training programs that can be run either at your site or from classes held regularly at our Training Center in Auburn Hills, Michigan or at our Birmingham, Alabama office. Training also specializes in developing and conducting detailed systems/application courses focused specifically on customer's manufacturing lines and configurations. Courses can be tailored and delivered to audiences ranging from operators, maintenance, engineering and management.

To register for a training class, call our 24-Hour Customer Support Center at 1-800-HELP-365, press 1, 4 or log on to <http://natraining.com> to register on-line. Training schedules and detailed course description sheets can also be found on-line.



PRODUCT OFFERINGS

■ Product/System Training

ABB offers a full range of training options at our training facility or at your site, including standard robot product training, system training, programming, troubleshooting, and maintenance courses. Various types of process training, for example, palletizing and arc welding systems or paint processes, are also offered.

■ Informal Training

ABB encourages our customers to be actively involved during the assembly and start-up phases of their project at our facility. During the engineering phase, ABB can create for the customer an informal schedule for "hands-on" training. By actively participating during the construction phase and run-off period, our customers receive valuable information that can be applied once their system is up and running at their site.

■ Training Certificates

Our training certificate program enables you to pre-purchase course registrations in bulk, allowing for discounted rates and planning time for students to register for classes based on their personal schedule and availability.

■ Customized Training & Documentation

ABB offers customized process and application training that is tailored to meet the demands of your workforce. ABB is fully staffed to support the design of training courses and customized documentation that are specifically developed to meet your objectives.

■ Interactive Knowledge Systems

Training can also be supplied to our customers via multi-media alternatives such as CDs, web-based and system-based e-learning. Web-based e-learning includes product reference, removal and placement, distance training, competence validation, and information management. System-based e-learning includes operational functionality, maintenance schedules, trouble shooting and fault recovery, as well as OEM information.

■ Training Needs Analysis

ABB provides extensive and tailored training needs analysis. Training consultants will work with your staff to map existing skill profiles and develop workforce-training plans to ensure your workforce is ready and able to take ownership of the new or existing system, operating and maintaining it at its peak capacity.

■ Certification Program for Robotics Arc Welding (CRAW)

ABB is excited to be able to offer our customers the AWS Certification Program for Robotics Arc Welding for Operators and Technicians (CRAW). The program allows welding professionals the opportunity to measure their skills and knowledge against welding standards set forth by AWS for their occupation.



1-800-365-5
ABB SERVICES HELP-365