

Modified MERIT Program

Motoman Endorsed Robotics Instructor Training

The Modified MERIT Program was developed specifically for educational institutions with a vision of introducing robotics at an elementary, high school, career tech or college undergraduate level. It provides the ability for schools to develop a student-based robotics certification course(s) with a focus on core robotics skills, or to expand an existing mechatronics robotics program.

This program consists of three phases per course with the option to upgrade to the MERIT Program to complete Phases IV and V. Participants will gain the ability to deliver structured curriculum in a knowledgeable, confident and consistent manner.

Length of training varies depending on the participant's robot programming experience. It is highly recommended for educational institutions to identify a primary and a secondary instructor.

YASKAWA ACADEMY

With 13,400 sq ft and 56 robots dedicated to training, Yaskawa Academy offers the most comprehensive training package in the industry. Classroom instruction, combined with hands-on training, is available for over 75 training courses including: Operator's training, Basic Programming, Advanced Programming, Ladder Logic (PLC) and Maintenance. Our 2:1 student-to-robot ratio maximizes "hands-on" opportunities.

All training courses and programs undergo a rigorous evaluation process which adheres to the American National Standards Institute / International Association of Continuing Education and Training (ANSI/IACET 1-2013 Standard).



Science | Technology | Engineering | Mathematics

PHASES

Phase I - Participants attend the respective training class as a "STUDENT". The focus of this phase is to learn and understand the topics as delivered from a Yaskawa Academy certified instructor.

Phase II - Participants may attend the same class for a second time as an "OBSERVER". This phase is not mandatory, however it is strongly recommended as it enables the OBSERVER to focus more on the delivery of the topics and the timing of all exercises. This provides the opportunity for the OBSERVER to hear the types of questions being asked from actual students and to formulate their own solution prior to the response from the certified instructor. This phase also helps to instill the confidence level required by an instructor to deliver class topics in front of students that may have already been exposed to robot programming.

Phase III - One-on-one skills assessment to identify strengths and weaknesses of the participant as an "INSTRUCTOR". The INSTRUCTOR delivers the course material to a Yaskawa Academy robotics instructor who will complete the assessment and provide examples to ensure and reinforce the understanding of the topics being delivered.

HIGHLIGHTS

On-line curriculum support (blended model) for instructors

The Yaskawa Academy logo is authorized for use on Certificates of Completion for courses presented by your instructors that have completed the Modified MERIT Program.

Assistance is available from Yaskawa Academy staff, via email or phone, for non-emergency issues during regular business hours

Educational institutions have the option of purchasing Yaskawa Academy's standard curriculum to eliminate the cost of developing and maintaining curriculum

Send inquiries to training@motoman.com or call 937.847.3307

yaskawa-motoman.com

Yaskawa America, Inc. | Motoman Robotics Division
100 Automation Way | Miamisburg, OH 45342
Tel: 937.847.6200 | Fax: 937.847.6277