

Online Learning Management System (LMS) Enabling Students to Become Proficient in Robotics

Designed specifically for education and industrial customers, this web-based LMS provides best-in-class robotics education for:

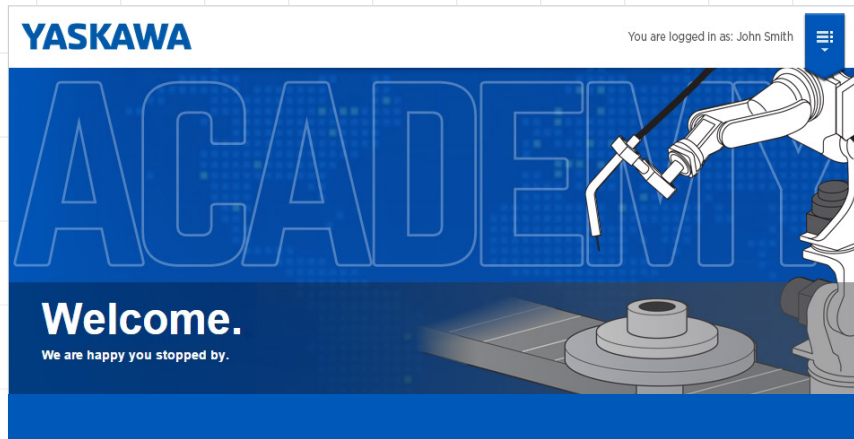
- Colleges
- Engineering schools
- Career/vocations centers
- Workforce development
- Industry
- Integrators

The comprehensive STEM-aligned curriculum was developed in conjunction with Yaskawa Motoman's educational and industrial partners, and is mapped to industrial skills and education standards. It is ideal for:

- School classrooms and lab use
- Advanced manufacturing training
- Industrial certification programs

Students learn to recognize general program instructions and to operate Yaskawa Motoman's FS100 robot controller. This knowledge also applies to other Yaskawa controllers. Classroom exercises, designed by Yaskawa Academy curriculum developers, provide hands-on exposure to robot programming and operation.

This LMS contains instructional modules with content equivalent to a 30-hour classroom experience. Students and instructors have the ability to track progress and course effectiveness.



LMS FEATURES

- 24/7 accessibility from any web browser (Google Chrome preferred)
- Learning portal and course access from computers, tablets and smartphones (no plugins or players are required)
- Secure log-in for teachers, instructors and students
- Online class management
- 15 learner outcomes, industrial skills and certification
- Chapter overviews and assessments
- Audio narration

COURSE TOPICS

Basic Operator's Training

Introduction to operation and program instruction recognition for the FS100 controller

Intro to Robotics

Overview and history of:

- Mechatronics
- Robot technology
- Yaskawa robots
- Terminology and definitions
- Best practices

Safety Principles

- Industrial robot safety
- Terminology
- Best safety practices
- Safety envelopes

For additional assistance, please call (937) 847-3496 or send your inquires to training@motoman.com.

Yaskawa Academy's LMS is developed on Absorb's responsive HTML-5 platform: yaskwaacademy.myabsorb

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