

# US418 PickMaster 3 (Vision)

The goal of this course is to teach students the basic application of PickMaster 3, as well as familiarize them with its features.

## Topics include

- Presentation and overview of PickMaster
- Feature scope of PickMaster 3
- Conveyor set-up
- Vision calibration, modeling and tuning
- Production panels
- PickMaster RAPID program
- PickMaster conveyor tracking
- Hardware components and wiring
- Logging
- Performance and limiting factors

## Course objectives

After successfully completing the course, the participant should be able to:

- Understand the possibilities and limitations with PickMaster
- Understand the hardware components and wiring
- Set up a complete PickMaster line and project
- Train various vision models and understanding the effects of vision parameters
- Make minor picking specific RAPID code modification



## Student profile

This training is targeted to the people that will be applying and integrating PickMaster, as well as those who will use and maintain an installed PickMaster-based system.

## Prerequisites

- Advanced PC user
- US420 IRC5 Basic Programming

## Duration

Course duration is 4. 5 days.

## Customer Service – Robotics

1250 Brown Road

Auburn Hills, MI 48326, USA

Tel: 1 800 HELP 365 (1 800 435 7365) option 1, option 4

Outside USA/Canada: +1 440 585 7804

Fax: +1 440 585 5087

E-mail: [abbuniversity@us.abb.com](mailto:abbuniversity@us.abb.com)

[www.abb.us/abbuniversity](http://www.abb.us/abbuniversity)

© 2010 ABB Inc. 3BUS095085 SM2010-027

ABB reserves the right to change specifications without notice.