The course goal is to teach students how to operate and program the robot using the teach pendant.

Topics include
− Safety precautions used while programming and program execution
− Operating controls and indicators on the robot controller
− Positioning the robot by use of joystick control
− Program creation procedures
− Program modification techniques

Course objectives
After successfully completing the course, the participant should be able to:
− Practice all areas of safety as they pertain to the robot
− Properly startup, operate, and shut down the robot
− Properly identify and recover from robot errors
− Perform program storage and retrieval
− Control robot inputs & outputs in manual & program methods
− Create Tool Center Point data
− Edit programmed positions
− Create a program with subroutine structure
− Perform editing techniques
− Program instructions, such as, output control, decision making, operator dialog, and clock
− Create data with proper names
− Use Module programming techniques
− Define Work Objects

Prerequisites
− No formal requirements
− Understanding of Windows or computer programming is helpful

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: +1 919.666.1388
E-mail: abbuniversity@us.abb.com
www.abb.us/abbuniversity

© 2014 ABB Inc. 3BUS095087 SM2010-027
ABB reserves the right to change specifications without notice.