

US315

Trallfa C5.3 Programming (In Plant Only)

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
- Selecting proper menus from the teach pendant for programming and program execution
- Use of the terminal to create and edit programs

Course objectives

After successfully completing the course, the participant with the aid of the course materials and manuals, should be able to:

- Correctly practice all areas of safety as they pertain to the robot operation
- Accurately identify the principal components of the robot system
- Demonstrate proper start-up, operation and shut-down of the robot system
- Interrupt a program during operation
- Create programs using the teach pendant
- Edit program data such as position, velocity, acceleration, Applicator trigger positions, and brush functions
- Edit programs using terminal operation
- Correctly respond to various types of error codes
- Create basic programs using conveyor tracking

Student profile

This course is intended for students that are required to start and operate the robot, create programs, and edit programs.

- Engineers
- Supervisory personnel
- Service personnel
- System integrators

Prerequisites

- No formal requirements
- Basic programming or prior experience with the robot system is helpful

Duration

The 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: +1 860.298.3856

E-mail: abbuniversity@us.abb.com

www.abb.us/abbuniversity

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