US305
Shop Floor Editor

This course is designed to teach students how to maximize Shop Floor Editor software. The student will learn how to hot-edit robot programs without interrupting production and how to optimize robot movements and Applicator trigger positions using the robot program and work piece. The course also covers the technique of three-dimensional work piece image creation and how to overlay robot programs onto those images.

Topics include

– Safety precautions while operating and programming with Shop Floor Editor software
– Graphic digitizing of brush files and color display of programs
– File editing functions such as point modification, speed or velocity adjustments and Applicator trigger positions adjustments as well as advanced logic functions
– Adjustments of paint parameters
– Creating and converting programs into work pieces or importing CAD drawings for robot program editing

Course objectives

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

– Demonstrate the ability to practice all areas of safety as they pertain to the robots and using the Shop Floor Editor software
– Understand the function of the Shop Floor Editor software
– Demonstrate the ability to manipulate programs files, brush files, system files, and IPS files
– Demonstrate the ability to edit and save files
– Edit program data such as position, velocity, acceleration, Applicator triggering, and process parameters on the robot from the Shop Floor Editor software

Student profile

This course is intended for people that are familiar with Windows

– Engineers
– Service Personnel
– System Integrators

Prerequisites

– Programming for paint (US340) or
  IRC5P programming for paint (US341)
– Microsoft PC operation training or equivalent PC experience

Course duration

The course duration is 3 days.

Customer Service – Robotics

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