



## Automated Cells & Equipment, Inc.

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### 5 Day Handling Tool Programming and Operations Training Syllabus

#### Monday 12:00 noon - Tuesday 12:00 noon

##### 1. SAFETY

- A. E-stop
- B. Work Cell
- C. Jog Speed

##### 2. ROBOT OVERVIEW

- A. Axis Definition
- B. Controller
- C. Teach Pendant

##### 3. ROBOT POWER

- A. Safe Start
- B. Safe Power Down

##### 4. ROBOT MOVEMENT

- A. Joint
- B. Tool
- C. World

#### Tuesday, 12:30p.m. - Wednesday, 4:30p.m.

##### 5. PROGRAMMING

- A. What is a program?
- B. TP keys / menus
- C. Calling up programs
- D. Program write protect
- E. Teaching points

##### 6. PROGRAMMING MOVEMENTS

- A. Linear
- B. Point to point
- C. Feed rate
- D. Touch up points

##### 7. RUNNING A PROGRAM

- A. Step
- B. TP run
- C. Cycle start
- D. Hold
- E. Abort

#### Thursday, 8:00a.m. - 4:30p.m.

##### 8. EDIT COMMANDS

- A. Insert
- B. Delete
- C. Copy
- D. Rename
- E. Renumber

##### 9. STATUS DISPLAY

- A. LED on TP
- B. User Screen
- C. I/O
- D. Current pos.
- E. System variables

##### 10. MASTERING

- A. Zero degree
- B. Quick
- C. Single Axis
- D. Setting Data

#### Friday, 8:00a.m. - 12:00noon

##### 11. ELECTRICAL MAINTENANCE / TROUBLESHOOTING

- A. Controller Overview
- B. Diagnostic Screens
- C. Lights and LED's
- D. Troubleshooting

##### 12. MECHANICAL UNIT MAINTENANCE / TROUBLESHOOTING

- A. Mechanical Unit Overview
- B. Preventive Maintenance Schedule
- C. Greasing Points
- D. Troubleshooting

CERTIFIED SERVICING INTEGRATOR

STRATEGIC MARKET SPECIALIST

CERTIFIED VISION SPECIALIST



