



# ADDY MACHINERY COMPANY

## *New & Used Machine Tool Solutions*

**Mazatrol Conversational Programming for  
Integrex Multi-Tasking machines (Training is 4 days)**

**Addy Machinery - Engineering Training Center,  
36055 Groesbeck Hwy.  
Clinton Township MI, 48035**

### **Training Class Overview:**

This class provides part programming instruction using the Mazatrol programming language on Mazak Integrex. **The classroom uses the MatrixCam simulators.**

The class hours are 8:30AM – 4:30PM daily (4 days).

### **Requirements:**

Machining and tooling experience on lathes and machining centers.

### **Category:**

Integrex e, i & j Series

**Tuition:** \$2,000.00/per student (2 student minimum, 6 student maximum)

**Class dates are subject to change. If a class is cancelled, you will be notified 1 week prior to start date.**

### **Note:**

This class can be utilized for the following controls Matrix & MPro and will work with e, i & j series Integrex' s.

### **Abbreviated Syllabus:**

Day 1

**Topics on Turning:** Machine coordinate and programming coordinate systems, Familiarization with Mazatrol functions and program creation, Facing, Bar Out, Unknowns Calculating, Tool Data, Drilling, Threading, Tapping, Grooving.

Day 2

**Topics on Turning (Cont.):** Bar Out, Copy, Material Shape, Unknowns Calculating, Bar Face and Bar Back, Manual Programming for Turning, Tool Data; User Parameters and TPC function & MMS.

Day 3

**Secondary Spindle Programming & C-axis topics:** C-axis Coordinate, Point Machining, Line Machining, Parameters and TPC function. **Topics on Milling:** Arbitrary Shapes, Manual Programming for Milling.

Day 4

**Topics on Milling (Cont.):** Y-axis Coordinate, Facing Y-axis Coordinate, Line Machining, Point Machining, Pocket, Shape Rotate and Shape Shift Features, Tornado Milling and Planet Tapping, &

**B-Axis topics.**