



# **ADDY MACHINERY COMPANY**

## ***New & Used Machine Tool Solutions***

**Mazatrol Turning 3 Axis / Milling Conversational Programming  
for Turning Centers (Training is 3 days w/live milling)**

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

### **Training Class Overview:**

This class provides part programming instruction on Mazak lathes and additionally mill center lathes using the Mazatrol programming language. The classroom uses MatrixCam Control Simulators.

The class hours are 8:30AM – 4:30PM daily (3 days).

### **Requirements:**

Machining and tooling experience on lathes and/or machining centers.

### **Category:**

Turning & Turning w/Milling

**Tuition:** Call for pricing (2 student minimum, 6 student maximum)

**Class pricing and 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 modified to any of the following controls 640T, T-Plus, T32, Matrix, Matrix Nexus, & Smart. Lunch will not be provided.

### **Abbreviated Syllabus:**

#### **Day 1**

Machine coordinate and programming coordinate systems; Familiarization with Mazatrol functions and program creation; Topics on Turning: Edge, Bar Out, Explanation of Unknowns, Tool Data, Edit Features, Drilling, Bar In.

#### **Day 2**

Topics on Turning (continued): Threading, Tapping, Program Layout Functions, Groove, Copy, Material Shape, Unknowns Calculation, Bar Face and Bar Back, Tool Data, User Parameters and TPC function;

#### **Day 3**

Topics on Milling: Mill center Lathes, Tool Data, C-axis coordinate, C- Drilling and Tapping, Axis C-axis Bore, C-axis Mill Groove, User Parameters, C-axis Line Machining.