



ADDY MACHINERY COMPANY

New & Used Machine Tool Solutions

**Mazatrol Turning Lathe 4 Axis &/or Sub Spindle Conversational Programming
for Turning Centers (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 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 (3.5 days).

Requirements:

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

Category:

Turning & Turning w/Milling including Y axis and/or sub spindle machining

Tuition: \$1,400.00/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 modified to any of the following controls 640T, T-Plus, T32, Matrix, Matrix Nexus, & Smart.

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,

Day 4 (1/2 day)

MMS; Secondary Spindle Programming, Manual Programming, Y-Axis Coordinate, Face Milling, Line Machining, Point Machining, Pocket, Manual Programming, Tornado Milling and Planet Tapping.