



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: \$1,600.00/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.