

Milling Training Syllabus

Duration: 3 Day

Start Time: 8:00am

Finish Time: 4:00pm

*Lunch provided for all training days

Prerequisites

Basic CNC knowledge

Training Overview

Proper operation and setup of machine equipped with Heidenhain iTNC 640 control

Target Audience

- CNC operator/setup personnel
- CAM Programmers

Course Content

- **Day 1**
 - Proper power up/down sequence
 - General daily maintenance items
 - Review of operating modes and control screens
 - Loading and editing programs
 - Overview of Preset and tool table
- **Day 2**
 - Setting tools with in machine Laser
 - Setting work piece presets manually and with Touch Probe
 - Laser Setter Calibration
 - Touch Probe Calibration
- **Day 3**
 - Machine Kinematic center point Calibration
 - Overview of 5-axis positioning and simultaneous functionality
 - Programmable probing cycles

For more information contact: applicationtraining.gfms.us@georgfischer.com