Vericut

Force Optimization
Training Course

Note:
The Vericut Force Optimization class is intended to illustrate how Vericut software can be leveraged to create an optimized program derived from the original posted NC Code. The resulting program can improve performance, shorten machine cycle times, improve tool life, and minimize wear and tear on the machine tool. While all are welcome, this class is intended for users with a general knowledge of the core Vericut product.

This class is from 8:00 AM - 12:00 PM on two successive days for a total of 8 hours per class.

DAY 1 -
INTRODUCTION TO FORCE OPTIMIZATION

Introduction
Welcome
Online Help
Why Force Optimization

Getting Started
Machine Configuration
Control Configuration
Project Settings
Component Feed Rate Definition
NC Code
Considerations

Air Cuts
Air Cuts Only Mode
Optimize Control
Optimization Saving Calculator
Status
Vericut Log File
Compare Files

Optimization Reports
Reporting optimization results

DAY 2 -
FORCE IMPLEMENTATION

Introduction to Force Optimization
What is Force?
How does it work?

Analyzing Cutting Conditions
Selecting Stock Material Records
Force Analyze Mode
Force Charts
NC Review
Calculating proper cutting conditions

Force Optimization
Optimization parameters
Configuring for optimum efficiency

Preparing for Optimization
File Management
Syntax checking
Layout and View setup
Customizing the GUI
Creating and using Master Tool Lists

PREREQUISITES FOR WEB TRAINING

• Must have VERICUT 9.5 running on your computer prior to class. Licensing concerns can be addressed by emailing support@cgtech.com.
• Computer must be set up to support voice over IP. There will be no "Phone-in" option available for the training.
• All users must use headphones or earbuds for listening in. Open speakers can cause feedback problems when microphones are enabled.
• Two monitors are required. Computer display should be configured to extend applications to either monitor (not duplicated).

PRICING:
$400 per day per attendee
Training courses are held online, or at our facilities in the United States. On-site customer training is also available at $1,950/day plus travel expenses.

CLASS TIME:
8am - 12pm per day
Classes typically commence between these hours, whether online or in person.

Cancellation Policy:
48 Hours before scheduled training
If you can no longer attend, please notify Vericut at least 48 hours before your scheduled training course is due to commence to avoid being charged the full training fee. All training must be completed within 12 months of purchase.