

Force Optimisation Training Course

Note:

The Vericut Force Optimisation class is intended to illustrate how Vericut software can be leveraged to create an optimised program derived from the original posted NC Code. The resulting program can improve performance, shorten machine cycle times, improve tool life, and minimise 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 OPTIMISATION

Introduction

Welcome
Online Help
Why Force Optimisation

Getting Started

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

Air Cuts

Air Cuts Only Mode
Optimise Control
Optimisation Saving Calculator
Status
Vericut Log File
Compare Files

Optimisation Reports

Reporting optimisation results

DAY 2 - FORCE IMPLEMENTATION

Introduction to Force Optimisation

What is Force?
How does it work?

Analysing Cutting Conditions

Selecting Stock Material Records
Force Analyse Mode
Force Charts
NC Review
Calculating proper cutting conditions

Force Optimisation

Optimisation parameters
Configuring for optimum efficiency

Preparing for Optimisation

File Management
Syntax checking
Layout and View setup
Customising the GUI
Creating and using Master Tool Lists

PREREQUISITES FOR WEB TRAINING

- Must have the latest version of Vericut running on your computer prior to class. Licensing concerns can be addressed by emailing support.uk@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:

£450 per day
per attendee

Training courses are held online, or at our facilities across the United Kingdom. Onsite training is also available. Please contact us for a quote.



CLASS TIME:

9am - 5pm per day

Classes typically commence between these hours, whether online or in person.



Cancellation Policy:

10 working days

If you need to cancel your place we request that you do so at least 10 days in advance of the course start date.

If minimum numbers are not met, then we will cancel the course and you will be moved on to the next available class