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NX Fixed-axis and Multi-axis Milling

Course Overview

The **Fixed-axis and Multi-axis Milling** course is designed for NC/CNC programmers who machine simple or complex parts with fixed and variable tool capabilities.

Students will learn how to create fixed and variable axis tool paths. You will also be introduced to NX workflows for machining contoured parts, high-speed machining methods, milling holes and threads, milling turbine blade type parts, and on machine probing.

Who Should Attend?

Manufacturing engineers, CAD/CAM managers and Multi-axis NC/CNC programmers—Users of 3, 4 and 5-axis machines for milling complex prismatic and contour type parts are encouraged to attend.

Course Agenda: 4 Days

- Overview
- Plunge Milling
- Z-Level Milling
- High-speed Machining
- Fixed-axis Contour Milling
- Introduction to 4/5 axis Machining
- 5- axis Z-level
- Sequential Mill basics
- Variable axis Contour Milling
- Non cutting moves
- Profiling walls
- Wave geometry Linking
- Turbomachinery milling
- Refixturing/In process work piece
- Hole/Thread Milling
Generic Motion/Probing



Recommended Courses

- NX Manufacturing Fundamentals
- Turning Manufacturing Processes
- Mold Wizard Design
- NX CAM Customization
- Post Building Techniques

“From one-to-one training, group training events, workshops and online/telephone support. Each time has enabled me to use NX more efficiently and more effectively”

Sheffield Precision Medical





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A comprehensive overview of NX Design Essentials is done with our technicians

Welcome to TEAM

The TEAM Difference? ...is the people we employ within the Company. Our engineering team come with many years of invaluable industry experience. Coupled with this is our long track record with both the software and our commitment to supporting our many customers who design using Siemens PLM technology.

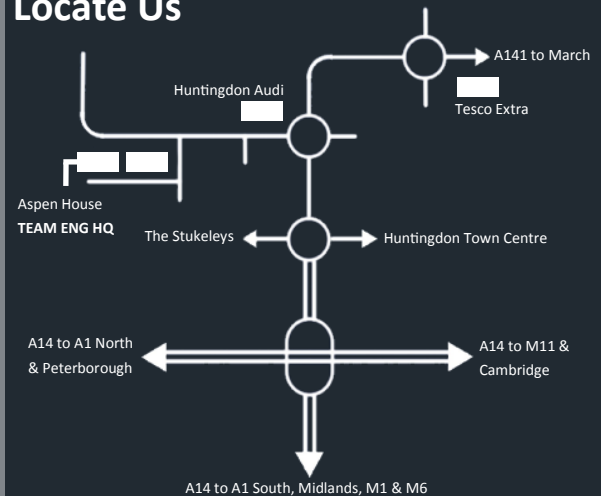
We like to think we have all the answers, but in fact, we listen first; then we work together - as a TEAM.

TEAM Engineering

Directions to our Technical Centre

- **BY CAR**—Head toward Huntingdon on **A14 / A141**. Enter **Washingley Road** and take the **second left** into **Vantage park**. Take **First right** into the **Aspen house** car park. We are in unit **10D**. Welcome to TEAM Engineering.
- **BY AIR**—From Stansted head North on M11, merge onto A120 then back to M11 to Cambridge. Take A14 then A1198 to Royston. Then follow signs for Huntingdon (55 mins)
- **BY RAIL**— Head to 'HUN' station on Brampton Road. Follow B1044 via Stukeley Road then follow CAR directions (6 mins)

Locate Us



Contact Us

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