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NX Advanced Thermal and Flow Analysis

Course Overview

The NX Thermal and Flow Analysis course introduces product simulation and analysis in NX for thermal and flow applications.

This course is intended for engineers and analysts who want to learn how to model heat transfer and fluid flow on NX models.

This course covers the complete analysis simulation process. It includes model preparation, meshing, applying boundary conditions, solving, and post-processing the results.

Who Should Attend?

This course is designed for analysts and engineers from a variety of specialisms.

Course Agenda: 3 Days

Heat Transfer Introduction	Thermal Couplings
Coupled thermal and flow activities	Radiation
Thermal initial and boundary conditions	Mapping
Fluid volume creation and meshing	Post-processing
Computational fluid dynamics introduction	Meshing
Flow initial and boundary conditions	Material properties
Flow solution options and solving	



Recommended Courses

- NX Basics and the CAD Foundation courses
- NX Advanced Simulation Processes
- NX Flow Analysis

"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.

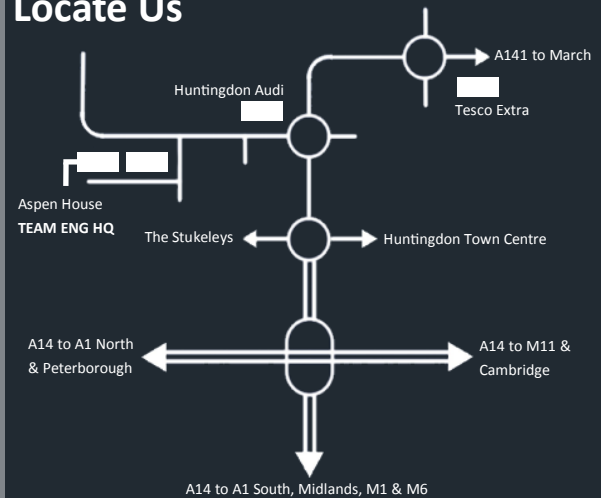
We like to think we have all the answers, but in fact, we listen first; then we work together - as a TEAM.

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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