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NX Advanced Simulation Processes

Course Overview

Advanced Simulation Processes introduces the finite element modeling and analysis tool integrated in NX.

It is intended for design engineers and analysts who want to learn the details of how to do finite element analysis on NX models.

This course covers the details of the FEA processes from preparing a model, meshing, applying boundary conditions, solving, and post-processing the results.

Who Should Attend?

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

Course Agenda: 3 Days

Basic meshing techniques	Boundary Conditions
Physical Properties	Post processing
Geometry Idealization	Geometry Abstraction
Geometry Repair	Materials
Element size	Beam Modeling
Connecting Meshes	Bolt Modeling
3D Swept Meshing	Manual Meshing



Recommended Courses

- NX Basics and the CAD Foundation courses
- NX Design Simulation
- NX Advanced Simulation Solutions

“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.

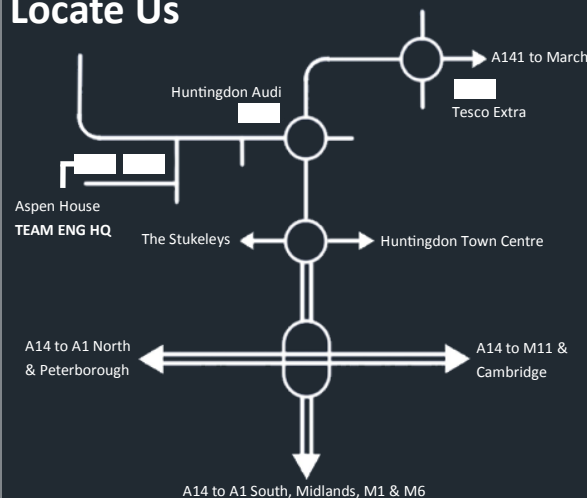
We like to think we have all the answers, but in fact, we listen first; then we work together - as a TEAM.

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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