COURSE

Introduction to Femap with NX Nastran

Level   Foundation
Duration   4 day
Language   English or Dutch
Location   Delft, or on-site

Description

This course provides the engineer who is new to Femap and the NX Nastran solver with a substantial introduction to the software, its structure, capabilities, and how to take advantage of its efficiency and strengths. Furthermore the course covers the details of the structural analysis process to define loads and boundary conditions, FEA model checking and solving, and interpreting the results.

Aim of training

After the training, the trainee is capable of performing a finite element analysis with Femap/ NX Nastran and to evaluate the results independently.

Topics

- Introduction to static finite element analysis
- Overview of Femap functions and workflows
- Femap user interface and online help
- Importing, creating and editing geometry for meshing
- Materials and properties
- Meshing creation and editing
- Constraints and loads types
- Model verification and checking
- Model display and organization
- Visualizing and documenting results
- Assembly modeling

Students receive a full set of lecture notes and a certificate on completion.

Who should attend?

The target audiences for this training course are structural/ FEM engineers, designers, and analysts wishing to understand how to perform linear static analysis using Femap with NX Nastran.

Interested? Sign up on www.femto.eu or send your training request to info@femto.nl.

About us

At Femto Engineering we help companies achieve their product innovation goals with FEA & CFD consulting, software, training, support, deployment and R&D. We are the CAE partner of Siemens PLM Software in the Benelux and an authorized distributor for Femap, NX Nastran, Simcenter 3D and SDC verifier.

Directions

Our address is: Oude Delft 137, Delft.
By car: follow the parking signs to the Phoenixgarage (Phoenixstraat 29). Leave the "centrum" exit from the parking, it's one of the first building you see on the right. When you arrive by train, it's a 5 minute walk via the Westvest and the Binnenwatersloot to the Oude Delft.

Solution Partner

SIEMENS

PLM