

COURSE

Basic nonlinear analysis with NX Nastran

Level	Advanced
Duration	1 Day
Language	English or Dutch
Location	Delft, or on-site

Nastran (with Femap) and interpret the measured results independently.

Topics

- The difference between linear and nonlinear calculations
- Geometric non-linear calculations
- Material non-linear calculations
- Difference between linear and nonlinear contact
- Non-linear contact model using gap elements
- Computation of buckling problems
- Setting the right parameters
- interprets the measured results
- Plotting the results

Description

NX Nastran has a nonlinear solver that is capable of solving simple nonlinear problems. This course is designed to teach you to recognize nonlinear situations and properly act on them with the NX Nastran nonlinear solver. The students receive a full set of lecture notes and a certificate on completion.



Aim of training

After the training, the trainee is capable of recognizing situations in which nonlinear calculations are required, knows how to properly adjust those calculations in NX

Who should attend?

This course is intended for NX Nastran users who are experienced in the use of linear finite element calculations and want to expand their knowledge of nonlinear calculations.

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 and turn left. Directly after the gate, we're in the first building on your right.
When you arrive by train, it's a 5 minute walk via the Westvest and the Binnenwatersloot to the Oude Delft.

