BASIC NX TRAINING

Participants prerequisite

- Good computer knowledge (general CAD knowledge is an advantage)

Seminar content

Introduction to construction

- NX working surface, file management and handling user-specific role preferences
- Create and edit solid models, Create and edit the form elements
- Curve operations, sketching and modifying the sketch geometry
- Organize parts using Layer technology etc.
- Basics of Print / Design Logic / parametric solid models possibilities
- Creating standard parts / Parts family

Introduction modules

- Create and edit assemblies in constructing the assembly
- Absolute positioning, assembly constraints and components positioning
- Master model concept
- Reference Sets, Exploded view
- Information and analysis functions (interference checking)
- WAVE Geometry Linker
- Introduction to the synchronous design

Fundamentals of drafting

- Create and maintain drawings
- Create and edit views, section views, detail and exploded views
- Dimensions, shape and position tolerances, texts
- BOM creation
- Brief insight into other surrounding sheet metal and surface modeling
- Tips for effectively managing NX

Target Group

- Architects(m/f)
- Designers
- Engineers (m/f)
- Technician (m/f)
- Draftsman (m/f)
- Technical Illustrator (m/f)

Software used in course

- NX

Seminar duration	Number of participants	Seminar times
3-5 Days	4-10	9 – 16 h

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ADVANCED NX TRAINING

Participants prerequisite

- Basic knowledge NX

Seminar content

- Deep insight of the design environment
- Generating complex components
- Define assembly dependencies parametrically
- Create and edit arrangement plans (scenes)
- Create construction geometry parametrically
- Deep insight on the WAVE Geometry Linker
- Form and position tolerances, special symbols
- Reference sets, optimizing the loading behavior
- Introduction to surface modeling
- Introduction sheet surroundings

Target Group

- Architects(m/f)
- Designers
- Engineers (m/f)
- Technician (m/f)
- Draftsman (m/f)
- Technical Illustrator (m/f)

Software used in course

- NX

Seminar duration	Number of participants	Seminar times
3-5 Days	4-10	9 – 16 h

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