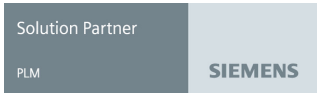




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## Training Course Details

**Title:** NX Design for the Experienced CAD User

**Course Objectives:** This course is suited for designers and engineers who already have experience with another CAD system and need to learn NX. After successfully completing this course, you should be able to:

- Open and examine NX models.
- Create and edit parametric models.
- Create and modify assembly structures.
- Create and modify drawings.

**Who Should Attend?** Experienced CAD user transitioning to NX

**Agenda overview:** NX part files  
The NX User Interface  
Coordinate systems  
Sketch Task Environment  
Datum features  
Swept features  
Part structure  
Using sketches  
Trim Body  
Swept feature options  
Hole features  
Expressions  
Face Operations  
Associative copies  
Edge operations  
Introduction to Assemblies  
Adding and constraining components  
Reference Sets  
Top Down Assembly Modeling  
Interpart Expressions  
Component Arrays  
Revisions and Substitutions  
Master Model  
Introduction to Drafting

**Duration:** 5 days

**Software Version** NX5, NX6, NX7

**Prerequisites:** Experienced CAD User

**Deliverables:** Full Course Guide  
CAD Data sets  
Course Certificate

**Further Recommended Training:** Advanced Surfacing