

The image shows four people in a professional office setting. A man in a light blue shirt stands at the back of a white conference table, leaning forward. Three other people (two men and one woman) are seated around the table, looking at documents and laptops. The Siemens logo and tagline are overlaid in the top left corner.

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Course Details

SIEMENS Essentials for NX Designers

Requirements

Engineers, Designers, CAD/CAM Managers, Drafters, Checkers, Students and NX users

Objectives

Essentials for NX Designers as the initial class, is designed to launch students on the path of productivity. This course is designed to meet the student's expectation to transfer classroom instruction to productivity on the job. The Essentials for NX Designers course ignites the student through professional instruction pertaining to product model design, product model detailing, assembly modeling and the basics of the master model concept.

At the completion of Essentials for NX Designers the student will productively develop solid models, detail drawings, and product assemblies. The class introduces assembly modeling in the context of a real-life scenario that includes parts modeled by the student as well as part models that have already been created. This reinforces the student's understanding of the flexibility of the solid modeling and assembly tool as it can be applied in the real world of product development collaboration. As with each course developed and taught by Siemens PLM Software professionals, the Essentials for NX Designers class capitalizes on Siemens PLM Software's intimate knowledge of the software's development and instructs the students based on the underlying principles incorporated within the NX software.

Topics

After attending the course, you can do the following:

- Assembly constraints
- Trim body
- Master model concept
- Extrude options, including draft and limits
- Creating and editing drawings and annotation



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Course Details

SIEMENS Essentials for NX Designers

Course Certificate

SIEMENS Certificate will be awarded after the training.

Contact Information

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SIEMENS Essentials for NX Designers

Time-wise Schedule

Day	Time	Topics
Day – 1	09:00 Hrs – 10:00 Hrs 10:15 Hrs – 12:00 Hrs 13:00 Hrs – 15:00 Hrs 15:15 Hrs – 17:00 Hrs	Using the NX Interface How to navigate inside of the NX software Creating Sketches Learning how to create and constrain parametric sketches
Day – 2	09:00 Hrs – 10:00 Hrs 10:15 Hrs – 12:00 Hrs 13:00 Hrs – 15:00 Hrs 15:15 Hrs – 17:00 Hrs	Sweeping Geometry Using the extrude, Revolve and sweep Using Datum Features Learn the need for design intent
Day – 3	09:00 Hrs – 10:00 Hrs 10:15 Hrs – 12:00 Hrs 13:00 Hrs – 15:00 Hrs 15:15 Hrs – 17:00 Hrs	Editing Sketches Making changes to existing sketches and features Advanced Sweeps Create swept features with offsets and drafts
Day – 4	09:00 Hrs – 10:00 Hrs 10:15 Hrs – 12:00 Hrs 13:00 Hrs – 15:00 Hrs 15:15 Hrs – 17:00 Hrs	Treatment and Finish Features Build hole, edge, shell, pattern and mirror features Modifying imported geometry Introduces editing techniques using Synchronous modeling
Day – 5	09:00 Hrs – 10:00 Hrs 10:15 Hrs – 12:00 Hrs 12:00 Hrs – 15:00 Hrs 15:15 Hrs – 16:00 Hrs	Use assembly tools to build a BOM in NX Create a 2D draft file Practical on the above Feedback & Valedictory session

Break Timings:

10:00 Hrs – 10:15 Hrs	Morning Tea Break
12:00 Hrs – 13:00 Hrs	Lunch Break
15:00 Hrs – 15:15 Hrs	Afternoon Tea Break
17:00 Hrs – 17:15 Hrs	Recess & End of Day

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