

COURSE NAME : Essentials for NX Designers (NXED)

DURATION : 5 x 8 hrs session

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 modelling and the basics of the master model concept.

WHO SHOULD ATTEND

This course is intended for all NX users including:

- Engineers
- Designers
- CAD/CAM Managers
- Drafters
- Checkers

PRE-REQUISITES

- None

COURSE SYLLABUS

- User interface
- Holes
- Coordinate systems
- Create expressions
- Introduction to sketching
- Shell
- Datums
- Instance arrays
- Modeling theory – based on extrude, revolve
- Blending and chamfers
- Part structure and edits
- Basic assembly modeling
- Intermediate sketching topics
- Assembly constraints
- Trim body



- Master model concept
- Extrude options, including draft and limits
- Creating and editing drawings
- Creating and editing annotation

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