

COURSE NAME : Intermediate NX Design and Assemblies (NXIDA)

DURATION : 5 x 8hrs session

OBJECTIVES

Intermediate NX Design and Assemblies is designed to thrust students further up the productivity curve. As a second tier course Intermediate NX Design and Assemblies builds on the tools you deployed as a result of attending the Essentials for NX Designers course. This method-based course focuses the student on productive modelling techniques that capture design intent in the context of the Master Model. Delivering on that outcome, this course will incorporate sketching, inter-part modelling, design intent for expression associativity, and several assembly topics as a significant part of the instruction.

WHO SHOULD ATTEND

This course is intended for all NX users including:

- Engineers
- Designers
- CAD/CAM Managers

PRE-REQUISITES

- The student should have attended the “Essentials for NX Designers (NXED)” course
- 160 hours of experience with NX Solid Modelling after Essentials for NX Designers

COURSE SYLLABUS

- Sketching
- Associative Offset Curves
- Expressions
- Duplicating Features
- Assembly functions
- Part Families
- Top/down assembly modeling
- Assembly Arrangements
- Face Operations
- Extract and Delete Face
- Inter-part modeling
- Inter-part expressions
- Variable and Overflow blends



- Component Arrays
- Revise & Replace Components

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