

**COURSE NAME : NX Drafting Essentials (NXDE)**  
**DURATION : 3 x 8hrs session**

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## **OBJECTIVES**

The **Drafting Essentials** course is designed to teach students the proper use of the NX drafting tools. Productivity is a key in every aspect of the NX software implementation. Included in numerous implementation processes is the requirement to produce high-quality detail drawings that capture and convey design intent graphically "on paper". Product model detailing skills further the goal of overall productivity, as part of the engineering and product development process. Students who complete the Drafting Essentials course will be prepared to return to their product development duties with the additional skills that speed and automate the detailing process in NX.

## **WHO SHOULD ATTEND**

This course is intended for all NX users including:

- Drafters
- Designers
- Engineers
- CAD/CAM managers

## **PRE-REQUISITES**

- The student should have attended the “Essentials for NX Designers (NXED)”
- The student must have a working knowledge of NX user interface, part file management and a basic understanding of parametric modeling.
- Drafting and master model knowledge.

## **COURSE SYLLABUS**

- Create and edit drawings
  - Create and edit orthographic, section, and detail views
  - Associative view scales to model parameters
  - Create and edit drafting symbols, geometric tolerancing symbols, dimensions, notes and labels
  - Create associative user-defined view boundaries
  - Create associative notes and labels
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