

UNIGRAPHICS NX -BASIC LEVEL

PART DESIGN

- ✚ Introduction to CAD & NX
- ✚ Preferences - Sketch , modeling preferences
- ✚ Layers
- ✚ Sketching, Dimensioning and constraints
- ✚ Form Feature
- ✚ Reference Features
- ✚ Special Feature
- ✚ Primitives
- ✚ Feature Operation
- ✚ Boolean Operations
- ✚ Edit Feature & Model Navigator
- ✚ Miscellaneous- File, Edit, View, Format, Tools, Analysis.
- ✚ Projects.

ASSEMBLY AND DRAFTING

- ✚ Assembly Structure -Top Down, Bottom Up
- ✚ Mating Conditions
- ✚ Component - Add Existing, Create New, Create Array, Replace, Reposition, Mate, Suppress, Unsuppress Component, Replace Reference set, Define Mating, Verify Mating Alternates, Part Family Update, Properties, Check Clearances
- ✚ Exploded Views

DRAFTING:

- ✚ Adding and editing views, View Dependant Edit, Preferences, GD&T, Weld Symbols, etc
- ✚ Projects

DURATION: 140 hours
Full Time (4 weeks)
Part Time(6 Weeks)



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