

NX CAD
Mechanical Freeform Modeling

course code TR10035
user level Intermediate
duration 5 days

Learn how to create free form parts that update reliably and shift smoothly to the manufacturing application. You will learn how to incorporate freeform features into any part, from reverse engineered product models to complex engineering designs.

WHO SHOULD ATTEND	PRIMARY COURSE TOPICS
Engineers and designers that need to create, edit, and analyze curves and freeform shapes used in part design.	<ul style="list-style-type: none"> • Create curves and derived curves used in creating freeform features. • Analyze curves and faces. • Create freeform shapes through curves. • Create freeform shapes by sweeping sections along curves. • Create transition and blend shapes. • Extend and offset faces. • Create thicken and draft faces.
PREREQUISITES	
Required courses: <ul style="list-style-type: none"> • Essentials for NX Designers (TR10051) Other recommended courses: <ul style="list-style-type: none"> • Introduction to NX for Experienced Users (TR13155) Domain knowledge: <ul style="list-style-type: none"> • NX modeling and sketching 	
PROVIDED COURSE MATERIALS	
<ul style="list-style-type: none"> • Student Guide • Activity Material 	