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Solution Partner

PLM

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## Training Course Details

**Title:** NX Turning Manufacturing Process

**Course Objectives:** Turning Manufacturing Process is the core turning class designed to convey concepts, functionality, and application of the turning module. Turning Manufacturing Process is taught from the perspective of an NC/CNC programming session and emphasizes programming concepts and techniques which take advantage of the latest developments in turning equipment and technology.

**Who Should Attend?** Manufacturing engineers, NC/CNC programmers

**Agenda overview:** Defining part and blank geometry  
Retrieving and creating tools  
Facing operations  
Verification  
Common options  
Centerline operations  
Roughing operations – OD work  
Roughing operations – ID work  
Finishing operations – OD and ID  
Grooving  
Teach mode  
Threading operations  
Using multiple spindles  
Mill-turn  
Merging lathes  
Vertical turret lathe

**Duration:** 3 days

**Software Version** NX4, NX5, NX6, NX7

**Prerequisites:** NX Manufacturing Fundamentals

**Deliverables:** Student guide  
Activity material  
Course certificate

**Optional activities:** NX Mill Manufacturing Process