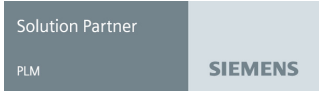




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## Training Course Details

**Title:** NX Manufacturing Fundamentals

**Course Objectives:** The NX Manufacturing Fundamentals course is designed to expedite the student learning experience in the generation of tool paths for 2 and 3-axis milling and drilling applications. The class utilizes CAM Express for CAM setup and assembly creation. CAM Express templates are utilized to aid in operation creation. As with each course developed and taught by Siemens PLM Software professionals, this class reinforces Siemens PLM's intimate knowledge of software's developments and instructs the students based on the underlying principles incorporated within the NX product suite.

**Who Should Attend?** Manufacturing engineers, process planners, CAD/CAM managers, System managers, NC/CNC programmers, CAM Express users

**Agenda overview:** Introduction and overview  
User interface  
Operation navigator  
Machine coordinate system  
Tooling  
Visualisation/Verification  
Post processing  
Shop documentation  
Planar/cavity milling  
Drilling  
Face milling  
Text engraving

**Duration:** 3 days

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

**Prerequisites:** NX Basic design

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

**Optional activities:** Essentials for NX Designers