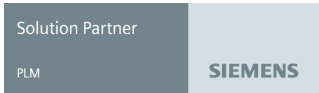




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Training Course Details

Title: NX Advanced Simulation Processes

Course Objectives: Advanced Simulation Processes introduces the finite element modeling and analysis tool integrated in NX. It is intended for design engineers and analysts who want to learn the details of how to do finite element analysis on NX models.

The course covers the details of the FEA processes from model preparation, mesh generation and manipulation, material definition, loads and boundary conditions, FEA model checking and solving, to post-processing the results.

Who Should Attend? Design engineers, analysis engineers

Agenda overview:	Introduction to Advanced Simulation Teamcenter Integration for Simulation General capabilities Meshing Boundary conditions Solving Post-processing Geometry idealization Mesh settings Mesh collectors Geometry abstraction Boundary condition techniques Boundary condition types Geometry repair Mesh connections Manual meshing Assembly FEMs Mesh quality Model quality Reports	Duration:	3 days
		Software Version	NX5, NX6, NX7
		Prerequisites:	NX Basic Design
		Deliverables:	Student guide Activity material Course certificate
		Optional activities:	Essentials for NX Designers