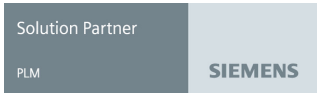




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Training Course Details

Title: I-DEAS Fundamentals of Part Design

Course Objectives: I-deas Fundamentals of Part Design provides basic coverage of mechanical part design, starting with an overview of the design tools and user interface. The course then covers model file management, wireframe and solid geometry construction tools, basic modification and reference geometry techniques, the use of relations, the fundamentals of troubleshooting, and integrated data management. This course is a subset of the five-day I-deas Part Design course.

Who Should Attend? Designers, engineers, manufacturers who work with parts

Agenda overview: Introducing I-deas
Getting familiar with the user interface
Managing your model file
Sketching and constraining wireframe
Extruding and revolving features
Working with parts
Basic part modification
Using history access tools to modify parts
Troubleshooting
Using libraries
Creating reference geometry
Constructing parts with relations

Duration: 3 days

Software Version I-DEAS NX 6

Prerequisites: An understanding of basic part design principles

Basic computer knowledge is assumed

Deliverables: Student guide
Activity material
Course certificate

Optional activities: I-DEAS Assembly Design
I-DEAS Surfacing