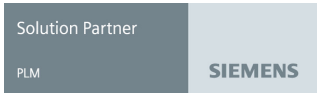




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Training Course Details

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