



TEAM Engineering Ltd
Technical Centre
Aspen House
Washingley Road
Huntingdon
Cambridgeshire
PE29 6SR
Tel: 08456 442882
Fax: 08700 117759

TEAM Engineering Ltd
Sales and Admin Office
146 Shottskirk Road
Shotts
Lanarkshire
ML7 4ER

Solution Partner

PLM

SIEMENS

Tel: 08456 442882
Fax: 08700 117759

Training Course Details

Title: I-DEAS Part Design

Course Objectives: I-deas Part Design provides a focused treatment 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, modification techniques, reference geometry, the use of relations, fundamentals of troubleshooting, and integrated data management. In addition, the course provides an introduction to surfacing and coverage of tools for pattern and feature creation.

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
Additional reference geometry techniques
Constructing parts with relations
Creating patterns
Creating drafted features
Creating shell and fillet features
Managing your data
Introduction to surfacing

Duration: 5 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