AUTODESK® INVENTOR®

Exam Objectives

ADVANCED MODELING
Create a 3D path using the Intersection Curve and the Project to Surface commands
Create a loft feature
Create a multi-body part
Create a part using surfaces
Create a sweep feature
Create an iPart
Emboss text and a profile

ASSEMBLY MODELING
Apply and use assembly constraints
Apply and use assembly joints
Create a level of detail
Create a part in the context of an assembly
Describe and use Shrinkwrap
Create a positional representation
Create components using the Design Accelerator commands
Modify a bill of materials
Find minimum distance between parts and components
Use the frame generator commands

DRAWING
Edit a section view
Modify a style in a drawing
Edit a hole table

PART MODELING
Create a pattern of features
Create a shell feature
Create extrude features
Create hole features
Create revolve features
Create work features
Use the Project Geometry and Project Cut Edges commands
Edit existing parts using Direct Edit

PRESENTATION FILES
Animate a presentation file

PROJECT FILES
Control a project file

SHEET METAL
Create sheet metal features

SKETCHING
Create dynamic input dimensions
Use sketch constraints
Sketch using Relax Mode

WELDMENTS
Create a weldment

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