Autodesk® Inventor® 2013
Autodesk Certification Exam Preparation Roadmap

Autodesk certifications are industry-recognized credentials that can help you succeed in your design career—providing benefits to both you and your employer.

The certifications provide reliable validation of skills and knowledge, and they can lead to accelerated professional development, improved productivity, and enhanced credibility.

Image courtesy of Brimrock Group Inc. and Mechanix Design Solutions Inc.

Autodesk highly recommends that you structure your examination preparation for success. This means scheduling regular time to prepare, reviewing this exam preparation roadmap, using the Autodesk Official Training Guides, and taking a course at one of our Authorized Training Centers. Equally as important, actual hands-on experience is recommended.

The **Autodesk Inventor Certified User** exam includes both academic and industry requirements designed to confirm that Inventor users have the skills necessary to continue their design careers—whether they attend college, enter the workforce, or work toward additional levels of industry certification. The exam consists of 30 questions combining multiple-choice and performance-based items to ensure students understand and can effectively use Inventor. The exam has a 1-hour time limit. For more information, visit: **http://www.certiport.com/autodesk**

The **Inventor 2013 Certified Professional** exam is aimed at assessing Professional users' knowledge of the tools, features, and common tasks of Inventor 2013. The exam is comprised of 35 questions, of which the majority require you to use Inventor to create or modify a data file, and then type your answer into an input box. Other question types include multiple choice, matching, and point-and-click (hotspot). The exam has a 2-hour time limit (in some countries, the time limit may be extended).

Important Program Changes

The **Certified Associate** exam will not be made available for Inventor 2013. To obtain the status of Inventor 2013 Certified Professional, or when recertifying from 2012 Associate and/or 2012 Professional status, you must pass the Inventor 2013 Certified Professional exam. You may take the exam up to three times within a 12-month period.

Official Preparation Material

The **Autodesk Official Training Guides** for the Inventor Certification exams are published by Wiley Publishing and Ascent. These guides are available from booksellers and online booksellers worldwide.

The **Autodesk Education Community** offers students and educators free software, learning materials, and classroom support. Schools can become Certiport® Centers to provide the Autodesk Certified User exams in their classrooms. Learn more at: **http://students.autodesk.com**

ATC® Instructor-Led Courses

The Autodesk Authorized Training Center (ATC®) program is a global network of professional training providers offering a broad range of learning resources. Autodesk recommends that test takers consider taking a certification preparation course at one of these centers. Visit the online ATC locator at: **http://www.autodesk.com/atc**

Recommended Experience Levels for Inventor Certification Exams

Actual hands-on experience is a critical component in preparing for the exam. You must spend time using the product and applying the skills you have learned.

- **Certified User exam:** Inventor 2011-2013 course (or equivalent) plus 50 hours of hands-on application
- **2013 Certified Professional exam**: Inventor 2013 course (or equivalent) plus 400 hours of hands-on application

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Exam Topics and Objectives

We recommend that you review the topics and objectives during your preparation for certification. The Autodesk Official Training Guides for the Autodesk Inventor Certification exams are published by Wiley Publishing and Ascent. The guide covers the topics and objectives listed below. Please note that not all objectives will be tested during your certification exam.

Autodesk Inventor Certified User

Industry-Specific Topics	Sub-Topics
User Interface	Primary Environments
	UI Navigation/Interaction
	Graphics Window Display
	Navigation Control
File Management	Project Files
Sketches	Creating 2D Sketches
	Draw Tools
	Sketch Constraints
	Pattern Sketches
	Modify Sketches
	Format Sketches
	Sketch Doctor
	Shared Sketches
	Sketch Parameters
Parts	Creating Parts
	Work Features
	Pattern Features
	Part Properties
Assemblies	Creating Assemblies
	Viewing Assemblies
	Animation Assemblies
	Adaptive Features, Parts, and Subassemblies
Presentations	Creating Presentations
Drawings	Creating Drawings
Sheet Metal	Creating Sheet Metal Parts
	Modify Sheet Metal Parts
	Flat Pattern
Visualization	Create Rendered Images
	Animate an Assembly

For more information on the learning topics and User Skills, please go to **http://www.certiport.com/autodesk**

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Autodesk Inventor 2013 Certified Professional

Topics	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
	Create and constrain sketch blocks
	Use iLogic
	Emboss text and a profile
Assembly Modeling	Apply and use assembly constraints
	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 command
Drawing	Create and edit dimensions in a drawing
	Edit a section view
	Modify a style in a drawing
	Edit a hole table
	Modify a parts list
	Edit a base and projected views
Part Modeling	Create a pattern of features
	Create a shell feature
	Create extrude features
	Create fillet features
	Create hole features
	Create revolve features
	Create work features
	Use the Project Geometry and Project Cut Edges commands
Presentation Files	Animate a presentation file
Project Files	Control a project file
Sheet Metal	Create flanges
	Annotate a sheet metal part in a drawing
	Create and edit a sheet metal flat pattern
	Describe sheet metal features
Sketching	Create dynamic input dimensions
	Use sketch constraints
User Interface	Identify how to use visual styles to control the appearance of a model
Weldments	Create a weldment

For more information
http://www.autodesk.com/certification

Find an Autodesk Certification Center
http://autodesk.starttest.com

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