

# AutoCAD® 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.

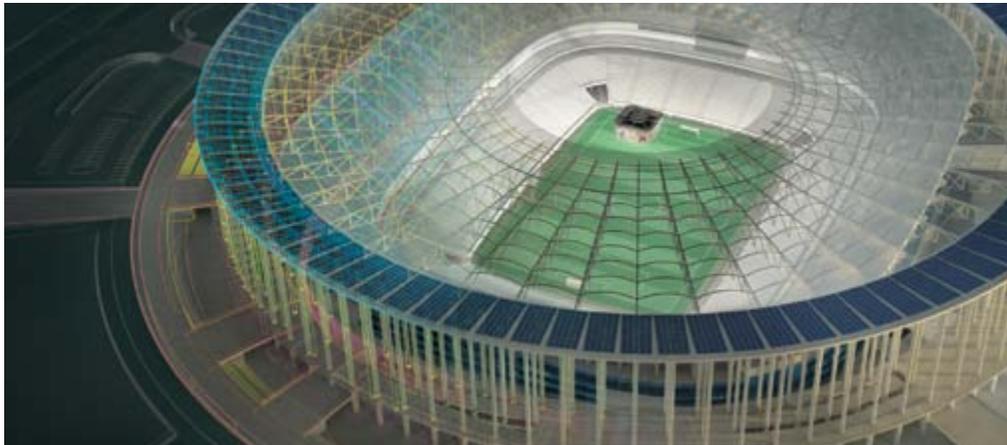


Image courtesy of Castro Mello Architects

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 **AutoCAD Certified User** exam includes both academic and industry requirements designed to confirm that AutoCAD 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 AutoCAD. The exam has a 1-hour time limit.

For more information, visit:  
<http://www.certiport.com/autodesk>

The **AutoCAD 2013 Certified Professional** exam is aimed at assessing Professional users' knowledge of the tools, features, and common tasks of AutoCAD 2013. The exam is comprised of 35 questions, of which the majority require you to use AutoCAD 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 AutoCAD 2013. To obtain the status of AutoCAD 2013 Certified Professional, or when recertifying from 2012 Associate and/or 2012 Professional status, you must pass the AutoCAD 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 AutoCAD Certification exams are published by Ascent and Wiley Publishing. 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 AutoCAD 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:**  
AutoCAD 2011-2013 course (or equivalent) plus 50 hours of hands-on application
- **2013 Certified Professional exam:**  
AutoCAD 2013 course (or equivalent) plus 400 hours of hands-on application

# AutoCAD 2013

## 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 AutoCAD Certification exams are published by Wiley Publishing and Ascent. These guides cover the topics and objectives listed below. Please note that not all objectives will be tested during your certification exam.

### AutoCAD Certified User

| Industry-Specific Topics                  | Sub-Topics   |
|---|--|
| User Interface                            | UI Navigation/Interaction  |
| Creating Drawings                         | Coordinate Entry<br>Draw Tools and Settings                              |
| Manipulating Objects                      | Grips<br>Object Selection<br>Move Objects                                |
| Drawing Organization and Inquiry Commands | Layers<br>Object properties<br>Linetypes<br>Inquiry                      |
| Altering Objects                          | Modify Tools   |
| Working with Layouts                      | Layouts and Viewports  |
| Annotating the Drawing                    | Adding to a Drawing  |
| Dimensioning                              | Adding Dimensions to a Drawing   |
| Hatching Objects                          | Hatching Objects<br>Fills and Gradients<br>Edit Hatch Patterns and Fills |
| Working with Reusable Content             | Blocks<br>Design Center<br>Tool Palettes                                 |
| Creating Additional Drawing Objects       | Shapes   |
| Plotting Your Drawing                     | Output   |

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

### AutoCAD 2013 Certified Professional

| Topics                                    | Objectives   |
|---|--|
| Altering Objects                          | Stretch objects<br>Offset objects<br>Create a radius between objects<br>Trim and extend objects<br>Break and join objects                      |
| Annotations                               | Work with Text: text styles, text justification, and multi-line text<br>Set the Annotative property for objects<br>Create and use Multileaders |
| Create Template Content                   | Create and use templates   |
| Creating Additional Drawing Objects       | Hide and isolate objects<br>Create polyline<br>Edit polylines  |
| Dimensioning                              | Create Dimensions<br>Edit Dimensions<br>Work with dimension styles   |
| Drawing Organization and Inquiry Commands | Calculate the area of objects<br>Change object properties<br>Use layers  |
| Hatching Objects                          | Use hatching   |
| Insert and Manage External References     | Apply External References  |
| Isolate or Hide Displayed Objects         | Isolate and hide objects   |
| Manipulating Objects                      | Use grips<br>Copy, Move, Mirror, and Rotate objects<br>Use selection set methods<br>Describe and use arrays<br>Use rotation reference angles   |
| Layouts and Visibility                    | Create and use Viewports<br>Create and use layouts<br>Create and Manage Layers   |
| Printing and Plotting                     | Use page setup for plotting  |
| Reusable Content                          | Create, insert, and edit blocks  |

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

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