

AutoCAD® Civil 3D® 2011

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.



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 Guide, taking an Assessment test, and using a variety of resources. Equally as important, actual hands-on experience is recommended.

The AutoCAD Civil 3D 2011 Certified Associate exam consists of 30 questions that assess your knowledge of the tools, features, and common tasks of AutoCAD Civil 3D 2011. Question types include multiple choice, matching, and point-and-click (hotspot). The exam has a 1-hour time limit. (In some countries, the time limit may be extended.)

The AutoCAD Civil 3D 2011 Certified Professional exam is a performance-based test. The exam is comprised of 20 questions. Each question requires you to use AutoCAD Civil 3D 2011 to create or modify a data file, and then type your answer into an input box. The answer you enter will either be a text entry or a numeric value. The exam has a 90-minute time limit (In some countries, the time limit may be extended.)

To earn the credential of AutoCAD Civil 3D 2011 Certified Professional, you must also pass the AutoCAD Civil 3D 2011 Certified Associate exam. You can pass the exams in any order.

To recertify from AutoCAD Civil 3D 2010 Professional to AutoCAD Civil 3D 2011 Professional, you need only pass the AutoCAD Civil 3D 2011 Certified Associate exam.

Assessment Tests

Autodesk assessment tests will help identify areas of knowledge that you should develop in order to prepare for the certification exam. At the completion, you will be able to review the items you missed and their correct answers. Contact an Autodesk Certification Center for more information at <http://autodesk.starttest.com>.

Autodesk Official Training Guides

The Autodesk Official Training Guide for the AutoCAD Civil 3D 2011 Certification exams is *Mastering AutoCAD Civil 3D 2011* from Wiley Publishing. This guide is available from booksellers and online booksellers worldwide.

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. Visit the online ATC locator at <http://www.autodesk.com/atc>.

Recommended Experience Levels for AutoCAD Civil 3D 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.

- **2011 Certified Associate exam:** Mastering AutoCAD Civil 3D 2011 course (or equivalent) plus 100 hours of hands-on application
- **2011 Certified Professional exam:** Mastering AutoCAD Civil 3D 2011 course (or equivalent) plus 400 hours of hands-on application

AutoCAD Civil 3D 2011

Exam topics and objectives

We recommend that you review the topics and objectives during your preparation for certification. The Autodesk Official Training Guide for the AutoCAD Civil 3D 2011 Certification exams is *Mastering AutoCAD Civil 3D 2011* from Wiley Publishing. That guide—which covers the topics and objectives listed below—is available from booksellers and online booksellers worldwide.

AutoCAD Civil 3D 2011 Certified Associate

Topic	Objective
User Interface	<ul style="list-style-type: none">• Choose the correct user interface components to achieve a specified goal• Choose functions on the Prospector tab to achieve a specified goal• Choose functions on the Settings tab to achieve a specified result
Styles	<ul style="list-style-type: none">• Choose object styles to achieve a specified result• Choose label styles that achieve a specified result
Lines & Curves	<ul style="list-style-type: none">• Use the line/curve commands to create common civil/survey features• Use the transparent commands to create common civil/survey features
Points	<ul style="list-style-type: none">• Use the point creation commands to create points according to a specified result• Use the point data import commands to create points by importing data
Surfaces	<ul style="list-style-type: none">• Use the proper commands/steps to create surfaces• Use the proper commands/steps to edit a surface according to a specified result• Choose the appropriate styles or settings to display surface information to achieve a specified result
Parcels	<ul style="list-style-type: none">• Use the correct commands/steps to create parcels using the parcel layout tools• Choose the correct parcel styles to display parcels according to a specified result• Use the correct commands and styles to achieve a specified parcel annotation result
Alignments	<ul style="list-style-type: none">• Use the correct commands/steps to create alignments in a drawing
Profiles & Profile Views	<ul style="list-style-type: none">• Use the correct commands/steps to create a surface profile• Use the correct commands/steps to create a layout profile• Use the correct commands/steps to create a profile view
Corridors	<ul style="list-style-type: none">• Choose the proper commands/steps to create a corridor according to a specified result• Use the appropriate commands/steps to derive specific information/data from a corridor• Use the appropriate commands/steps to create an intersection
Sections & Section Views	<ul style="list-style-type: none">• Use the appropriate commands/settings to create sections and section views
Pipe Networks	<ul style="list-style-type: none">• Use the appropriate commands/steps to create pipe networks
Grading	<ul style="list-style-type: none">• Use the appropriate commands/steps to create a grading model using gradings• Use the appropriate commands/steps to create a grading model using feature lines
Managing and Sharing Data	<ul style="list-style-type: none">• Use data shortcuts to share/manage data
Plan Production	<ul style="list-style-type: none">• Use the proper commands/steps to generate a sheet set using plan production
Survey	<ul style="list-style-type: none">• Use description keys to control the display of points created from survey data• Use figure prefixes to control the display of linework generated from survey data

AutoCAD Civil 3D 2011 Certified Professional

Topic	Objective
Styles	<ul style="list-style-type: none">• Create object styles that achieve a specified result• Create object styles that achieve a specified result• Create label styles that achieve a specified result• Create label styles that achieve a specified result
Points	<ul style="list-style-type: none">• Organize points and control their display using point groups
Surfaces	<ul style="list-style-type: none">• Create a surface by assembling fundamental data• Set up the appropriate styles and analyses to achieve specific surface display results
Parcels	<ul style="list-style-type: none">• Design a parcel layout based on given information and design requirements
Alignments	<ul style="list-style-type: none">• Design a geometric layout by properly applying various alignment functionality
Profiles & Profile Views	<ul style="list-style-type: none">• Design a profile according to given information and design requirements• Create a profile view style that achieves a specified result
Corridors	<ul style="list-style-type: none">• Design a corridor based on given information and design requirements• Create specific corridor data/information according to a specified result• Design an intersection based on given information and design requirements
Sections & Section Views	<ul style="list-style-type: none">• Analyze section views to obtain or derive information about a design
Pipe Networks	<ul style="list-style-type: none">• Design a pipe network according to given information and design requirements
Grading	<ul style="list-style-type: none">• Design a site grading model based on given information and design requirements
Managing and Sharing Data	<ul style="list-style-type: none">• Compose a data sharing setup based on given requirements
Plan Production	<ul style="list-style-type: none">• Create a sheet set according to given information and a specified result
Survey	<ul style="list-style-type: none">• Create a topographic/boundary drawing from field data

For more information
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