



## ASCENT courseware mapping reference for Autodesk Certification Exam objectives

The following tables will help you identify where in the ASCENT *Civil 3D Fundamentals* training guide you'll find the Autodesk exam objectives to help you prepare for the AutoCAD Civil 3D Autodesk Certified Associate and Certified Professional exams.

**Table 1:** Certified **Associate** Exam Objectives and ASCENT courseware mapping reference

Exam Sections	Exam Objectives	Fundamentals Guide & Module
User Interface	Navigate the user interface	Module 1
	Use the functions on the Prospector Tab	Module 1.4
	Use functions on the Settings Tab	Module 1.4
Styles	Create and use object styles	Module 1.6
	Create and use label styles	Module 1.6
Lines & Curves	Use the line and curve commands	
	Use the Transparent command	Module 3.9
Points	Create points using the Point Creation command	Module 3.8
	Create points by importing point data	Module 3.11 and 3.17
Surfaces	Surfaces Create and edit surfaces	Module 4
	Use styles to analyze surface display results	Module 4.6
Parcels	Create parcels using parcel layout tools	Module 2.3
	Select parcel styles to change the display of parcels	Module 2.1
	Select styles to annotate parcels	Module 2.6
Alignments	Create alignments	Modules 5.3
Profiles & Profile Views	Create a surface profile	Modules 7.2
	Create a layout profile	Modules 7.4 and 7.5
	Create a profile view	Module 7.3 and Module 12
Corridors	Design and create a corridor	Modules 8.1, 8.2, 8.3
	Derive information and data from a corridor	Modules 8.4 and 8.5
	Design and create an intersection	Module 8.4
Sections & Section Views	Create and analyze sections and section views	Modules 11.1 and 11.2
Pipe Networks	Design and create a pipe network	Modules 10.1, 10.2, 10.3, 10.4
Grading	Design and create a grading model	Module 9
	Create a grading model feature line	Module 9
Managing and Sharing Data	Use data shortcuts to share/manage data	Modules 6.1, 6.2, 6.3 and Appendix A.1
Plan Production	Generate a sheet set using plan production	Module 12
Survey	Use description keys to control the display of points created from survey data	Module 3.10
	Use figure prefixes to control the display of linework generated from survey data	Module 3.16

## AUTOCAD CIVIL 3D 2012 COURSEWARE

AutoCAD Civil 3D software is a Building Information Modeling (BIM) solution for civil engineering design and documentation. Civil 3D is designed for civil engineers, drafters, designers, and technicians working on transportation design, land development, and water projects.

ASCENT offers the following 2012 Autodesk Official Training Guide to help Civil 3D users prepare for the AutoCAD Civil 3D Certification exams:

**Civil 3D 2012 Fundamentals**  
This training guide is designed for Civil Engineers and Surveyors who want to take advantage of AutoCAD Civil 3D software's interactive, dynamic design functionality. Learn techniques enabling you to organize project data, work with points, create and analyze surfaces, model road corridors, create parcel layouts, perform grading and volume calculation tasks, and layout pipe networks.

**Table 2:** Certified **Professional** Exam Objectives and ASCENT courseware mapping reference

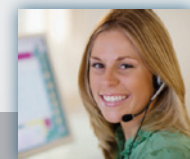
Exam Sections	Exam Objectives	Fundamentals Guide & Module
Styles	Create and use object styles	Module 1.6
	Create and use label styles	Module 1.6
Surfaces	Create a surface by assembling fundamental data	Module 4
Parcels	Design a parcel layout	Module 2.3
Alignments	Design a geometric layout	Module 5.3
Profiles & Profile Views	Design a profile	Module 7.2
	Create a profile view style	Module 1.6
Corridors	Design and create a corridor	Modules 8.1, 8.2, 8.3
	Derive information and data from a corridor	Modules 8.4 and 8.5
	Design and create an intersection	Module 8.4
Sections & Section Views	Create and analyze sections and section views	Modules 11.1 and 11.2
Pipe Networks	Design and create a pipe network	Modules 10.1, 10.2, 10.3, 10.4
Managing and Sharing Data	Create a data sharing setup	Modules 6.1, 6.2, 6.3 and Appendix A.1
Plan Production	Create a sheet set	Module 12.5
Survey	Create a topographic/boundary drawing from field data	Module 3.17

## AUTODESK OFFICIAL TRAINING GUIDES from ASCENT






ASCENT incorporates the best of Expert-Led (instructor-led) and technology-based training offerings to create the most effective course content, ensuring that users achieve maximum productivity from their chosen engineering tools.

### ASCENT Offers:

- A building block approach
- Real-world drawing projects
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