

CV202: Civil 3D Advanced - Site Grading

Course Length	2 full-days or 4 half-days
Schedule	9:00am – 4:00pm (full-day) 9:00am – 12:00pm (half-day)
AIA CEUs or PDHs <small>*where applicable</small>	14
Price	\$795 per person (group rates available)

Designed for

This class is designed for engineers and designers who are already using Civil 3D and are looking to expand their skills in site grading.

Prerequisites

This course requires the student to have taken the *CV101: Civil 3D Fundamentals* course, an equivalent course, or have 80 or more hours of Civil 3D experience prior to registration.

What you get

Students will get classroom access to the software and Autodesk Authorized Training courseware (these can be purchased in addition to the training) and the knowledge that will bring users to the next level with Civil 3D.

Notes

The course length is a guideline. Course topics and duration may be modified by the instructor based upon the knowledge and skill level of the students.

All courses will be taught on the most current release, depending on availability of courseware.

Training Center Locations

ONLINE	Hauppauge, NY
Watertown, MA	Albany, NY
Meriden, CT	Greenville, PA
Portland, ME	Chattanooga, TN
Bound Brook, NJ	Roanoke, VA

Course Plan

The Civil 3D software supports a wide range of civil engineering tasks and creates intelligent relationships between objects. The Civil 3D Advanced - Site Grading course is recommended for users that are required to create site grading plans using the Civil 3D software. This course is also ideal for managers that require a basic overview and understanding of this aspect of the Civil 3D software.

Students will use feature lines, grading tools, and corridors to create a commercial site containing a parking lot, building pad, pond, and simple sewage lagoon. An existing road has been included in the survey and a survey team collected the existing conditions. Students will also work on a residential site to grade a small subdivision for proper grading of each lot.

Topics Covered

- Creating and editing Surfaces
- Feature line and Grading settings and styles
- Parcel Grading
- Feature lines and Projection Grading tools for site design
- Grading criteria, groups and objects
- Workflows for Building Pad, Ponds, and Parking Lot design
- Earthwork volume calculations
- Advanced Corridors for site grading
- Visualization and rendering

For more information, please contact our main office:

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