

## CV201: Civil 3D Advanced - Road Design and Improvements

**Course Length** 2 Full Days or 4 Sessions

**Schedule** **2 Full Days**

9:00am - 4:00pm ET

**Morning - 4 Sessions**

9:00am - 12:00pm ET

**Afternoon - 4 Sessions**

1:00pm - 4:00pm ET

**Evening - 4 Sessions**

5:00pm - 8:00pm ET

**Course Price** \$895 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 road design and improvements.

### 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.

### Course Plan

Civil 3D Advanced - Road Design and Improvements course is an advanced course for students who wish to learn how to apply Civil 3D on roadway design and improvement projects. A solid background in the use of Civil 3D Alignments, Profiles, Sample Lines, Sections, Corridors and Subassemblies is recommended before enrolling for this course. (See CV101: Civil 3D Fundamentals)

### Topics Covered

- Recreate record plans Alignment and Profiles
- Calculate and edit Superelevation
- Create and edit Offset and Widening parameters
- Create Connected Alignments and Profiles
- Profile View projections and superimposed Profiles
- Corridor with multiple Baselines, Regions and Targets
- Advanced Intersection modeling
- Rehab Corridor
- Subassembly Composer
- Creating Section Sheets

For more information, please contact our main office:

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