



AutoCAD Civil 3D Grading is designed for Civil Engineers and Designers who want to learn the workflow involved with grading in Civil 3D. Students will learn methods for building pad grading, parking lot grading, and pond grading.

This course will guide students through a project containing a building pad and parking lot and a detention pond. Students will direct runoff into the detention pond using ditches.

Prerequisite: Civil 3D Fundamentals and a working knowledge of civil engineering concepts.



Autodesk
Authorized Training Center
Consulting Services Partner
Authorized Certification Center

Visit mwcad.com for a complete class schedule or call us at 800-279-3221.

* The suggested course duration is a guideline. Course topics and timeline may be modified by the Instructor based upon the knowledge and skill level of the course participants.

What students are saying about our courses:

"I loved how the instructor focused the materials to our needs and uses. Great course!"

- Matthew Crockett,
Aquaterra
Environmental
Solutions

"The class was very good. I was skeptical about trying to take such a high-tech class but the instructor made the course not only doable but also enjoyable."

- Judy Looney,
Water One

Grading Setup

- Sites
- Grading Groups
- Grading Styles
- Grading Criteria

Feature Lines

- Feature Lines and Sites
- Feature Line Geometry
- Feature Line Elevations

Grading Creation and Editing

- Grading for Buildings and Pad Features
- Grading for Ponds or Berms
- Grading for Parking Lots

Volume Calculations

- Group Volumes
- Feature Volumes
- Balancing Volumes
- Surface Volumes

Grading Surfaces

- Detached Grading Surfaces
- Proposed Surfaces
- Surface Analysis