Civil 3D® Fundamentals

Objective: Designed for Civil Engineers and Surveyors who require Civil 3D® for interactive, dynamic design functions. Learn to utilize model-based tools to rapidly consider alternative plans. Learn techniques to organize project data, work with points, create and analyze surfaces, create parcel layouts, model road corridors, perform grading and volume calculations, and lay out pipe networks.

Course Length: 4 days (32 hours)

Day 1
- Civil 3D Interface
- Parcels
- Points and Survey

Day 2
- Surfaces
- Alignments & Profiles

Day 3
- Project Management and Shortcuts
- Assemblies & Corridors
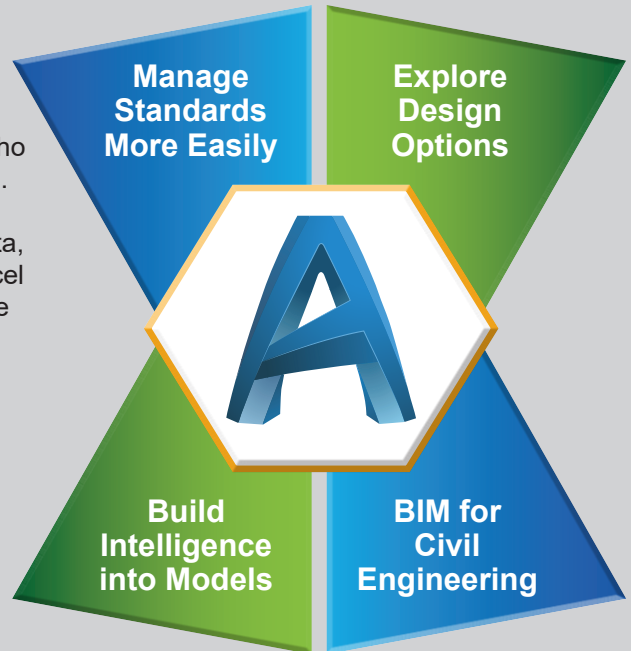- Introduction to Grading

Day 4
- Gravity Pipe Networks
- Pressure Pipe Networks
- QTO and Sections
- Plan/Production Tools

- Lunch included for onsite classes at Repro Products' Authorized Training Center.

- Class is from 8:30 a.m. to 5:00 p.m.

- After completion of an entire class, students may audit the same class for one year, if space is available in the class.

- The entire class is purchased at one time, but individual days may be attended sequentially over several months.

Manage Standards More Easily

Explore Design Options

Build Intelligence into Models

BIM for Civil Engineering

Advantages to Training at Repro Products' Autodesk® Authorized Training Center:

- Learn from our Autodesk Certified instructors at our superior facilities.

- Receive Autodesk® recommended content from Autodesk® Official Training Guides.

- Get your hands on sample projects and exercises that emphasize real-world application.

Prerequisites: A working knowledge of civil engineering or surveying as well as Windows 10. Experience with AutoCAD® or AutoCAD® based products (such as Land Development Desktop).

Continuing Education Units
Ask Repro Products about earning credits for mandatory Continuing Education classes (including the American Institute of Architects - AIA) and other professional development programs.