

TRAINING LOCATIONS

Synergis EduCast
Virtual
Online

Quakertown
18 South 5th Street
Quakertown, PA 18951



AutoCAD Civil 3D Essentials

Course Description: This course introduces the interactive, dynamic, model-based design tools of Autodesk Civil 3D. It teaches techniques for organizing project data, working with points, creating and analyzing surfaces, modeling road corridors, performing grading and volume calculation tasks, and laying out pipe networks.

Prerequisites:

A sound understanding of civil engineering terminology
Experience with AutoCAD or AutoCAD-based products is helpful but not required

Length:	3 days
Times:	8:30 AM - 4:30 PM
PDH Credit Hours:	19.5 hours

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Representative Topics

- Creating points & point groups and working with survey figures
- Creating & editing alignments
- Creating assemblies, corridors, & intersections
- Creating gravity-fed and pressure pipe networks
- Creating, editing, viewing & analyzing surfaces
- Creating sites, profiles, and cross-sections
- Creating grading solutions
- Using plan production tools to create plan & profile sheets