

TRAINING LOCATIONS

Synergis EduCast
Virtual
Online

Quakertown
18 South 5th Street
Quakertown, PA 18951



AutoCAD Civil 3D For Surveyors

Course Description: This course covers the use of Autodesk Civil 3D for surveyors and survey technicians. It teaches how to import converted field equipment survey data into a standardized environment in Civil 3D and to use the automation tools to create an Existing Conditions Plan. It also covers data collection and traverses, and the methodology required to create linework effectively for variables used in defining symbology, surfaces, categorizing points, and using online maps.

Prerequisites: Experience with AutoCAD or AutoCAD-based products
A basic understanding of surveying

Length:	2 days
Times:	8:30 AM - 4:30 PM
PDH Credit Hours:	13 hours

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Representative Topics

- The Autodesk Civil 3D user interface
- Importing points & coordinate transformations
- Point groups, grips & reports
- Introduction to data collection in the field
- Survey networks
- Surface overview, editing, labels, and analysis
- Points overview & styles
- Creating points & drafting
- Point security & editing
- Introduction to Civil 3D Survey and automated linework
- Coordinate Geometry Editor

The suggested course duration is a guideline. Course topics and duration may be modified by the instructor based upon the knowledge and skill level of the course participants. Cancellation/Rescheduling Fee of 25% of the Daily Rate per Student will be assessed for anyone canceling or rescheduling a Synergis Training Class without at least 14 days notice. If applicable, the Cancellation or Rescheduling Fee will be invoiced to you automatically. Classes are confirmed based on the number of students registered and therefore cancellations and rescheduling of classes may affect other customers. Please be sure that you can attend the class dates for which you are registering when you submit your order.