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Quakertown
18 South 5th Street
Quakertown, PA 18951



AutoCAD Civil 3D Advanced Grading

Course Description: This course will introduce you to various grading concepts utilized for a proposed development. This course requires a fundamental understanding of Civil Engineering grading and earthwork methods. It is recommended that you have attended the Civil 3D Fundamentals class.

Prerequisites: This course presumes you have working knowledge of:

- The Windows environment,
- Design tasks and terminology, and
- Civil 3D tasks and terminology.

Length:	2 days
Times:	8:30 am - 4:30 pm
PDH Credit Hours:	13 hours

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Representative Topics

- Introduction to Grading
- Feature Line
- Grading Criteria Sets
- Parking Lot methods
- Detention Basin with BMP
- Berms, Swales and Headwalls
- Combining Surfaces
- Settings and Command Defaults
- Grading Group Styles
- Sites Review
- Detention Basin
- Retaining Walls
- Volume Calculations
- Visualization

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.