

Take-off Professionals

*THE WORLDS LEADER IN DATA
PREPARATION AND TRAINING.*



CARLSON CIVIL WITH AUTOCAD 2010 FOR COMMERCIAL SITE DATA PREP

This comprehensive 3 day class will take the user from CAD to a surface ready for machine control and layout. Here are some of the important skills you will learn.

- What you need to know about AutoCAD
 - How files are built by engineers.
 - Delivery methods.
 - What to expect.
 - How to fix issues with files.
 - CAD Basics
 - Screens, menus, and navigation.
- The basics of Data.
 - How close is close enough?
 - How to think like the field crew.
 - Finish or subgrade?
 - Utility Data.
- Making Surfaces.
 - What level of detail do I need?
 - ALL about points. Extensive learning with Carlson point commands.
 - Contour lines.
 - Break Lines
 - Curb and gutter, building pads, and parking areas.
 - Verifying the quality of a surface.
 - Surface Management

- The Life of a Surface.
 - Initial surface, what can be changed?
 - Finding errors, and proposing fixes.
 - Regulatory compliance issues.
 - When to build out of specification.
 - How to issue change requests.
 - Repairing the surface.
- Data Management.
 - Breaking the job into layers to make data easier.
 - How to save data and track changes.
 - How to make, use, and track different surface files.
 - Export options.
 - Transfer methods to get data into the field.
- Other uses for data.
 - Confirming initial takeoff quantities.
 - Progress takeoffs.
 - Manage and work with progress topo files.
 - Using data for change orders.

This training will benefit the user of Carlson Civil by providing comprehensive skills. You will know what steps to take to produce quality data ready for the field. Bring your own projects with you to the class, and work with them. This is not canned training by software engineers. This is an intense learning experience provided by the worlds leaders in data.

Cost \$1,500.00

Duration 3 Days

Visit our web site to see schedules and to sign up. www.takeoffpros.com

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