



## Autodesk Field Survey / Carlson Survey

*CBT - Computer Based Training*

### What You Will Learn:

This course introduces you to the basics of Autodesk Field Survey/Carlson Survey software. We'll introduce you to surveying concepts, survey data organization, and preferences.

### Topics

Topics covered on this CBT include:

- New/Open Startup DWG Wizard
- Set Coordinate File/CRD Points
- Defining Point Defaults/LB & DD
- Editing Points
- Field Data from Data Collector...
- Manually Enter Raw Field Data...
- Manually Enter & Process Traverse
- Balancing a Traverse - Compass/LQ
- Field-to-Finish Codes Create DWG
- Annotate Defaults (Label Settings)
- Annotating - Labeling Lines/Arcs
- Centerlines - Horizontal Alignments
- Station Polyline - Centerline
- Create/Plot Existing Grade Profiles
- The Why and How of Contouring
- Triangulate & Contour - One Step
- Make Grid & Two Surface Volumes
- Import/Export LDD MDB/AECC/ASCII

### Prerequisites

Users should have a strong working knowledge of AutoCAD 2002 or AutoCAD 2004.

### System Requirements

Our Computer Based Training (CBT) CDs do not require the Autodesk software to be loaded on your system. These are stand-alone lessons. Hardware requirements include:

- Microsoft Windows 98, 2000, XP or NT
- Microsoft Internet Explorer 5.5 or greater
- 1024x768 screen resolution & 32 bit true color display required
- 64 MB Ram minimum, 128 Ram recommended
- Intel Pentium II 233 MHz minimum
- 200 MB hard disk space required for installation
- CD-ROM drive and mouse (or pointing device) needed for navigation.