CADD MICROSYSTEMS

Autodesk® Civil 3D 2019 Level I
Survey

▶ **Length**
1 Day

▶ **Cost**
$400 per person
(Dedicated group rates available)

▶ **Level**
Beginner / Intermediate

▶ **Prerequisites**
AutoCAD® 2017/2018/2019 Level I
(or equivalent)
            ...or...
6-12 months continuous AutoCAD®
2017/2018/2019 experience

▶ **Who Can Benefit From This Class**
Surveyors currently using AutoCAD®
or Land Desktop® for their drafting
and survey processing needs

▶ **Hours**
9:00am - 4:30pm EST
with an hour lunch break

▶ **Additional Information**
This class comes with a 100%
Satisfaction Guarantee, provides
AIA/CES Continuing Education
Credits (CEU's), and each student
receives a certificate of
accomplishment. Please see our
website for more information.

DESCRIPTION

This class examines the survey capabilities in Autodesk® Civil 3D® 2019. Students will learn how to work with traditional survey data and survey databases in the Autodesk Civil 3D environment to accomplish tasks such as data import and reduction, automatic linework generation, traverse adjustment, observation editing, and more. In addition, the difference between Autodesk Civil 3D Points and Survey Points will be explained. A working knowledge of basic Surveying concepts as well as commands and techniques is necessary.

CONTENT

Concepts and Environment
User Interface
Object Styles

Points
COGO Point Creation and Styles
Description Keys
Point Groups

Survey Setup and Project Generation
Survey Settings and Styles
Survey Points vs. COGO points
Survey Databases
Linework Code Sets
Figure Prefix Databases

Working with Survey Data
Fieldbook and Data Import
Survey Queries
Observation and Linework Editing
Traverse Creation
Analysis and Adjustment

LEARNING PATH

Prerequisites
AutoCAD and LT
Level I

⇨ **This Class** ⇨

Future Training
Civil 3D Level I: Essentials