

AutoCAD® and LT 2021 Level I Essentials

► **Length**
4 Days

► **Cost**
\$1,400 per person
(Dedicated group rates available)

► **Level**
Beginner

► **Prerequisites**
General computer and Windows experience

► **Who Can Benefit From This Class**
Individuals who will be using AutoCAD® or AutoCAD LT® on a daily basis and have little to no experience or formal training

► **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 completion. Please see our website for more information.

► **CADD Community**
As an exclusive benefit of training with us, you'll receive 12 months of access to the on-demand version of this class through the CADD Community. The interactive training content and resources are proven to help refresh your knowledge throughout the year.

DESCRIPTION

Topics covered in this class provide attendees with a strong foundation for making AutoCAD® or AutoCAD LT® an effective and valued addition to their professional skill set. Devised for professionals who need to use AutoCAD or AutoCAD LT as a daily production tool, this class introduces students to the two-dimensional (2D) drafting environment and the techniques required to edit existing drawings as well as create new drawings from scratch. Students will learn how to take a drawing file from its initial setup, through creating and modifying simple and complex objects, to detailed page setup and final printing.

CONTENT

Understanding the Interface

Application Menu
Quick Access Toolbar
Ribbon Tabs and Panels
Application Status Bar
Command Window
Palettes
The Canvas (Drawing Window / Editor)

Basic Drawing Navigation

Panning
Zooming
Windowing

Drawing Setup and Organization

Units and Drawing Limits
Creating and Managing Layers
Managing Linetypes, Lineweights, and Colors

Drawing with Precision

Using the Coordinate System
Object Snaps
Orthomode
Polar Tracking

Creating 2-Dimensional Geometry

Lines, Arcs, and Circles
Rectangles and Polylines
Hatching
Reusable Content (i.e. Blocks and Symbols)
External Referencing

Editing 2-Dimensional Geometry

Copying, Moving, Rotating, Scaling, and Stretching
Offsetting and Arraying
Trimming, Extending, Filletting, and Chamfering
Measure Commands
Object Properties

Annotation

Text and Text Styles
Dimensions and Dimension Styles

Plotting

Layouts and Viewports
Inserting Titleblocks (Borders)
Outputting to Paper and Digital Formats

LEARNING PATH

Prerequisites
N/A



This
Class



Future Training
AutoCAD Level II: Beyond the Basics
AutoCAD Level II: 3D Modeling