

# AutoCAD® and LT 2022 Level I Essentials

► **Length**  
3 Days

► **Cost**  
\$1,200 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 a benefit of training with us, you'll get 1 year of access to this class - PLUS all Autodesk classes - on-demand through the CADD Community. The interactive training content & resources are proven to help refresh 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  
The Canvas (Drawing Window / Editor)

### Basic Drawing Navigation

Panning  
Zooming  
Windowing and Selection

### 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)

### 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