

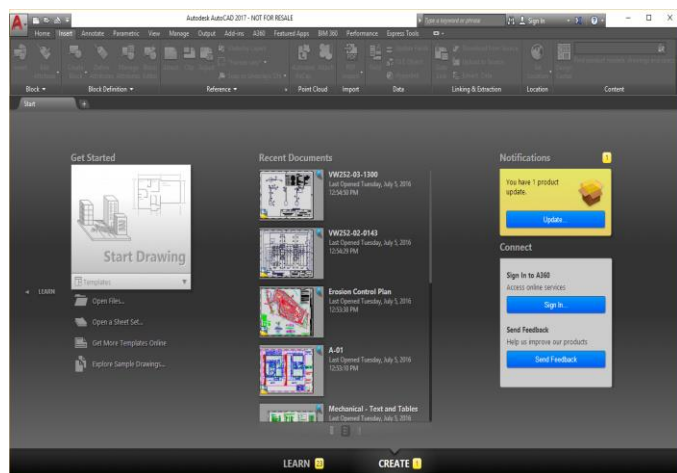
Autodesk® AutoCAD™ - Fundamentals

Brief Synopsis of Class Contents:

The AutoCAD Fundamentals online class covers the basics of creating and editing 2D drawings using AutoCAD. Skills gained will lead to more advanced productivity in any drafting/design environment.

Learning Objectives:

- Become familiar with the concepts for creating, annotating and producing AutoCAD drawings
- Understand the fundamental concepts and features of AutoCAD
- Develop an initial level of comfort and confidence with AutoCAD through hands-on experience.



Courseware:

Ascent AutoCAD / AutoCAD LT Fundamentals
Mixed-Units Student Guide

Number of Days:

5 Half Day Sessions

Continuing Education Hours:

18 hours

Who Should Attend:

Architects, Engineers and Master Planners

Prerequisites:

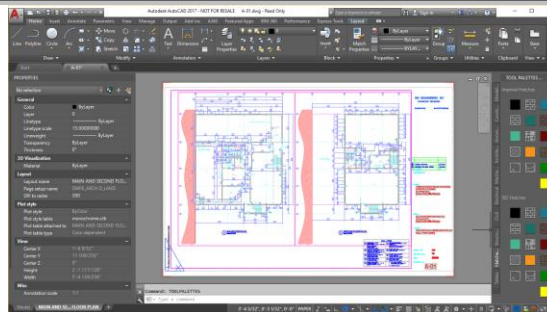
Familiarity with Windows applications

System and Software Requirements:

<http://www.asti.com/LiveLab-Learning-amp-Training/LiveLab-System-Requirements>

FAQs and Cancellation Policy:

<http://www.asti.com/LiveLab-Learning-amp-Training/LiveLab-FAQS>



Class Outline and Topics:

Introduction of the User Interface

- Workspaces
- Ribbon User Interface
- Menu System
- Drawing Access
- Display Tools

Basic Drawing and Editing

- Drawing Lines, Arcs, Circles, Rectangles, Hatches
- Erasing and Exploding
- Object Snaps and Tracking
- Grips

Advanced Tools

- Move, Copy, Mirror, Offset
- Join, Trim, Extend
- Fillets and Chamfers
- Stretch and Array
- Constraints

Organization of Drawings

- Templates
- Layer Management
- Drawing Units
- Settings

Symbols and Components

- Blocks, Attributes, Dynamic Blocks
- Design Center
- Tool Palettes
- XRefs – External References

Annotation and Dimensions

- Single Line and Multiline Text
- Text Editing and Styles
- Fields and Tables
- Dimensioning
- Dimension Styles
- Leaders

Sheet Setup and Plotting

- Model Space and Paper Space
- Layouts and Viewports
- Annotative Scaling
- Page Setups
- Plotting and Plot Settings

