



## **AutoCAD / AutoCAD LT 2010 Essentials Course Outline**

**Course Description:** This course is designed for the new user who needs to know the essential commands necessary for professional 2D drawing, design, and drafting using AutoCAD/AutoCAD LT. No previous CAD experience required but it is recommended that you have working knowledge of Microsoft Windows 2000, Microsoft Windows XP, or Microsoft Windows Vista. Draft & Design experience is a plus.

### **Topics**

#### **1. Taking the AutoCAD Tour**

Navigating the Working Environment  
Working with Files  
Displaying Objects

#### **2. Creating Basic Drawings**

Inputting Data  
Creating Basic Objects  
Using Object Snaps  
Using Polar Tracking & Polar Snap  
Using Object Snap Tracking  
Working with Units

#### **3. Manipulating Objects**

Selecting Objects in the Drawing  
Changing an Object's Position  
Creating New Objects from Existing Objects  
Changing the Angle of an Object's Position  
Creating a Mirror Image of Existing Objects  
Creating Object Patterns  
Changing an Object's Size

#### **4. Drawing Organization & Inquiry Commands**

Using Layers  
Changing Object Properties  
Matching Object Properties  
Using the Properties Palette  
Using Linetypes  
Using Inquiry Commands

#### **5. Altering Objects**

Trimming & Extending  
Objects to Define Boundaries  
Creating Parallel and Offset Geometry  
Joining Objects  
Breaking an Object into Two objects  
Applying a Radius Corner to Two Objects  
Creating an Angled Corner between Two Objects  
Changing Part of an Objects

#### **6. Working with Layouts**

Using Layouts  
Using Viewpoints

#### **7. Annotating the Drawing**

Creating Multiline Text  
Creating Single Line Text  
Using Text Styles  
Editing Text

#### **8. Dimensioning**

Creating Dimensions  
Using Dimension Styles  
Editing Dimensions  
Using Multileaders

#### **9. Hatching Objects**

Hatching Objects  
Editing Hatch Objects

#### **10. Working with Reusable Content**

Using Blocks  
Working with DesignCenter  
Using Tool Palettes

#### **11. Creating Additional Drawing Objects**

Working with polylines  
Creating Splines  
Creating Ellipses  
Using Tables

#### **12. Plotting Your Drawing**

Using Page Setups  
Plotting Drawings

#### **13. Creating Drawing Templates**

Using Drawing Templates

**AND MORE!!!**

**Duration:** 4 Days

**Classroom Tuition:**  
\$1,000.00/student

*Group rates are available*

**Autodraft, Inc. dba Adraft**

email: [info@adraft.com](mailto:info@adraft.com)

[www.adraft.com](http://www.adraft.com)

ADRAFT, AN AUTODRAFT, INC. COMPANY

**Rochester Office:**

2815 Baird Road  
Fairport, NY 14450-1244  
Phone: (585) 389-1900  
Fax: (585) 389-0953

**Buffalo Office:**

8201 Main Street, Suite 3  
Williamsville, NY 14221  
Phone: (866) 769-6163  
Fax: (585) 389-0953

**Syracuse Office:**

126 Dwight Park Circle  
Syracuse, NY 13209  
Phone: (866) 769-6163  
Fax: (585) 389-0953