

## I AUTODESK

# AutoCAD/AutoCAD LT Essentials - Virtual Course

This is an "online" version of the AutoCAD/AutoCAD LT Essentials training course, delivered remotely over a number of individual half-day sessions. It covers the essential core topics for working with the AutoCAD software. The training course strategy is to start with a few basic tools that enable the delegate to create and edit a simple drawing, and then continue to develop those tools. More advanced tools are also introduced throughout the course.

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## Prerequisites

As this course is delivered via a web-link, those attending will need to have access to a workstation, connected to the internet, and with AutoCAD installed. A twin screen setup and a headset with microphone is also highly recommended. Those considering this AutoCAD training course should have a working knowledge of basic design/drafting procedures and terminology, as well as an understanding of the essentials of basic MS-Windows use.

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## Objectives

### SESSION ONE

#### Chapters 1-2 - Introduction

##### 09:30 Session 1.1

- Introduction (presentation)
- User interface (guided hands-on)

##### 10:15 – 10:25

- Break

##### 10:25 Session 1.2

- Basic Drawing and editing (guided hands-on)
- Modifying (guided hands-on)

##### 11:10 – 11:20

- Break

#### Chapters 3-4 - Drawing with precision

##### 11:20 Session 1.3

- Creating simple project (guided hands-on)
- Creating simple shapes (guided hands-on)

**12:00 – 12:10**

- Break

**12:10 Session 1.4**

- Drawing precision (guided hands-on)
- Object snaps and drawing aids (guided hands-on)

**13:00**

- End of Session 1

## SESSION TWO

### Chapters 5–6 - Making changes to your drawing

**09:30 Session 2.1**

- Implied selection (presentation)
- Moving and copying objects (how to, followed by exercise)
- Editing with grips (guided hands-on)

**10:15 – 10:25**

- Break

**10:25 Session 2.2**

- Making your drawings more precise (how to, followed by exercise)
- Schematic project (how to, followed by exercise)

**11:10 – 11:20**

- Break

### Chapter 7 – Organising your drawings

**11:20 Session 2.3**

- Creating New drawings with templates (guided hands-on)
- Working with different types of Units

**12:00 – 12:10**

- Break

**12:10 Session 2.4**

- What are layers (how to, followed by exercise)
- Layer States (guided hands-on)

**13:00**

- End of Session 2

## SESSION THREE

## Chapters 8–9 - Advanced Object types

### 09:30 Session 3.1

- Drawing arcs (guided hands-on)
- Drawing polylines (guided Hands-on)

### 10:15 – 10:25

- Break

### 10:25 Session 3.2

- Drawing Polygons (guided Hands-on)
- Working with object properties (guided Hands-on)

### 11:10 – 11:20

- Break

## Chapter 10 - Drawing organisation and information

### 11:20 Session 3.3

- Measure objects (guided Hands-on)
- Using measure options (guided hands-on)

### 12:00 – 12:10

- Break

### 12:10 Session 3.4

- Drawing organisation and information (presentation)
- Architectural project/ mechanical project (exercise)

### 13:00

- End of Session 3

## SESSION FOUR

## Chapters 11,12 ,13 – Advanced Editing commands

### 09:30 Session 4.1

- Trimming and extending objects (guided Hands-on)
- Stretching objects, fillets and Chamfer (guided Practice)

### 10:15 – 10:25

- Break

### 10:25 Session 4.2

- What are Blocks (presentation)
- Create simple blocks (guided practice)

### 11:10 – 11:20

- Break

### 11:20 Session 4.3

- Inserting blocks, (guided Hands-on)
- Creating more complex objects (guided Hands on)

### 12:00 – 12:10

- Break

### 12:10 Session 4.4

- Setting up layouts (guided exercise)
- Creating Layouts (guided exercise)

### 13:00

- End of Session 4

## SESSION FIVE

### Chapters 14,15,16 – Layout in Model and paper space

### 09:30 Session 5.1

- Switch between Model and Paper spaces (guided hands-on)
- Creating Viewports (how to, followed by exercise)

### 10:15 – 10:25

- Break

### 10:25 Session 5.2

- Named views(presentation)
- Insert view (guided exercise)

### 11:10 – 11:20

- Break

### 11:20 Session 5.3

- Printing your drawing (presentation)
- Printing concepts (guided hands-on)

### 12:00 – 12:10

- Break

### 12:10 Session 5.4

- Print layouts (how to, followed by exercise)
- Managing printer and plotters (presentation)

13:00

- End of Session 5

## SESSION SIX

### Chapters 17,18,19,20 - Anotation

#### 09:30 Session 6.1

- Formatting multiple text (guided hands-on)
- Adding notes and leaders (guided hands on)

10:15 – 10:25

- Break

#### 10:25 Session 6.2

- Creating tables (how to, followed by exercise)
- Hatching (presentation)

11:10 – 11:20

- Break

#### 11:20 Session 6.3

- Adding Dimensions (guided hands on)
- Linear Dimensions (guided hands on)

12:00 – 12:10

- Break

#### 12:10 Session 6.4

- Text and dimension project (guided hands on)

13:00

- End of Session 6

## Forthcoming dates

Select a course and complete the [enquiry form](#) or contact us on **01992 807 444** or via [email](#) to speak to one of our training specialists who can answer any questions you may have and/or make a reservation on your selected course.

DATE	LOCATION	TRAINER	VERSION	STATUS	PER PERSON
8 Dec 2020	Online	Geoff Alder	2021	Full	£555.00
25 Jan 2021		Enrique Barriuso		Available	£555.00
1 Mar 2021	Online	Trainer TBC		Available	£555.00

**All prices are per-person on a scheduled course and exclude VAT.**

Please note that the course details above, may be subject to change at short notice.

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**DURATION**

6 Sessions

**COURSE CODE**

ACD-ESS-OL

**COURSE COST****£555**

Applies per person on an on-line scheduled course (excludes VAT)

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**Get in touch**

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