

A AUTODESK® AUTOCAD® FUNDAMENTALS



The objective of AutoCAD/AutoCAD LT Fundamentals is to enable students to create a basic 2D drawing in AutoCAD. Even at this fundamental level, AutoCAD is one of the most sophisticated computer applications that you are likely to encounter. Therefore, learning to use it can be challenging.

Not every command or option is covered, because the intent is to show the most essential tools and concepts, such as:

- Understanding the AutoCAD workspace and user interface.
- Using basic drawing, editing, and viewing tools.
- Organizing drawing objects on layers.
- Inserting reusable symbols (blocks).
- Preparing a layout to be plotted.
- Adding text, hatching, and dimensions.
- Using more advanced editing and construction techniques.

✓ Prerequisites:

This course is designed for new users of AutoCAD or AutoCAD LT. No previous CAD experience is necessary. However, drafting, design or engineering experience would be an advantage. It is recommended that delegates have a working knowledge of your operating system and have keyboard and mouse skills.

✓ Course objectives:

The primary objective of this course is to teach users the basic commands necessary for professional 2D drawing, design and drafting using AutoCAD / AutoCAD LT

✓ After completing this course, students will be able to:

- Navigate the AutoCAD and AutoCAD LT user interfaces.
- Use the fundamental features of AutoCAD and AutoCAD LT.
- Use the precision drafting tools in AutoCAD and AutoCAD LT to develop accurate technical drawings.
- Present drawings in a detailed and visually impressive way

✓ Who should attend:

- This course is designed for new users of AutoCAD.

✓ Please see page 2 for modular breakdown per day:

- Each day also includes practical exercises.

TRAINING PRICE:

R3 600,00 Excl VAT

COURSE DURATION:

3 Days

CPD POINTS:

6 Points (SAIA/ECSA)

COURSES OFFERED AT:

- Johannesburg • Pretoria • Witbank • Durban • Cape Town • Namibia



DETAILED COURSE OUTLINE

Day 1:

- The Working Environment
- Creating basic shapes
- Drawing organisation
- Manipulating objects
- Modifying objects

Day 2:

- Text
- Dimensions
- Hatching
- Blocks

Day 3:

- References
- Layouts and Plotting
- External References Advanced
- UserDefined Attributes and Fields

LEARNING PATH

AUTOCAD FUNDAMENTALS

AUTOCAD ADVANCED

AUTOCAD 3D MODELING

CERTIFICATION EXAMS

AUTODESK CERTIFICATION EXAMS

Autodesk Certified User
Autodesk Certified Professional

MODENA e-ASSESSMENTS

Revit Fundamentals Xpress
Revit Fundamentals for Occasional Users
Revit Fundamentals