

Updated on 11/10/2024

Sign up

AutoCAD training

3 days (21 hours)

PRESENTATION

AutoCAD is a CAD ([Computer-Aided Drafting](#)) program for 2D and 3D drawings. Often used by topography, mechanical engineering, urban planning and construction companies.

Our training course will introduce you to AutoCAD, teaching you how to design technical drawings and various plans. What's more, you'll be able to manipulate all the tools offered by the software, from dimensioning tools to the various networks.

With our training, your team will be able to produce accurate 2D/3D drawings, designs and models using solids, surfaces, objects and more. You'll also discover how to use it to activate machine operation.

As with all our training courses, this one will introduce you to the very latest version of AutoCAD (at the time of writing: [AutoCAD 2022.1](#)).

Objectives

- Mastery of AutoCAD fundamentals
- Master 2D structural drawings
- Knowledge of the AutoCAD environment

Target audience

- **Architect**
- Interior designer
- Technician
- Draughtsman
- Building professional

Prerequisites

No prerequisites required.

AutoCAD training program

INTRODUCTION TO AUTOCAD

- Introducing AutoCAD
- The interface
 - Screen area
 - Menus
 - Toolbox
- The different controls
- File formats

THE BASICS OF AUTOCAD DRAWING

- Design aids
 - Hanging
 - Grid
 - Contact
- Layers
- Advanced layers
 - Group filter
 - Property filter
- Objects
- Graphic entities
- Hatching
- [PRACTICE] Creating a template drawing
- The blocks
 - Block library
 - Properties
 - Attributes
 - [PRACTICE] Creating blocks
- Selections
 - Similar selection
 - Quick selection
- Entering relative coordinates
 - Cartesian
 - Polar fleeces
- Entering absolute coordinates
 - Cartesian
- [PRACTICE] Building an object from existing ones

TOOLS

- Polyline
- Rectangle
- Multiline
 - Multiline style
- Chop
- The different networks
 - Rectangular
 - Fleece
 - Along a trajectory
- Dimensioning tools
- Quotation styles
 - Creation
 - Line
 - Text
 - Adjust

IMPORT AND EXPORT

- Importing different formats
- Export formats
- Management and backup

Companies concerned

This training course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.