AutoCAD 2017/2016/2015 2D, getting started

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BPC-171   **3 Days (21 Hours)**

Description

This course will teach you how to work with AutoCAD 2016/2015. You will discover the interface and its 2D functionalities. At the end of this internship, you will be able to create and modify 2D drawings with ease and efficiency, share and exchange designs, and print your plans in different formats and scales.

Who is this training for ?

For whom

Managers, architects, engineers, technicians, draftsmen, designers in design offices involved in the production and modification of plans.

Prerequisites

Aucune

Training objectives

- Discover the graphical interface, work space and AutoCAD help
- Create and modify 2D drawings
- Create precision geometric constructions
- Use and configure layers
- Develop complex plans with dressing
- Create a template with the graphic charter and the CAD standard

Training program

Introduction

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email We are at your disposal : De Lun - Ven 09h00-18h00

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- The new interface.
- New tab page.
- The help window, the animated ribbon arrow.
- Choice of palettes tools and saving workspaces.
- File formats.
- Practical work Manage custom spaces.

Réalisation des dessins

- Object creation tools.
- The 2D polyline and the Pedit command.
- Selection methods with rectangle, path and properties.
- Basic editing tools: copy, move, shift, rotate, symmetry, scale, blend.
- Multilines, multiline scale.
- Practical work Creation of 'a drawing.

Constructions géométriques et précision

- Modes of snapping to objects, end, middle, center, perpendicular, parallel, close.
- Magnetic markers and markers.
- Relative coordinate systems/ absolute and rectangular/polar.
- Create plans with dimensions.
- Practical work Design a drawing to scale.

Gestion et habillage des plans complexes

- Layers: use and settings.
- Text and styles.
- Linear, angular and aligned dimensions.
- Intelligent dimensioning.
- Hatching, configuration and exploitation.
- Creation of internal blocks.
- Customized/external libraries.
- Practical work Drawing and dressing a plan.
- Automatic creation of measurements based on the context of your drawing.

Les blocs

- Links between blocks and layers.
- Defining and associating block attributes.
- Design center and blocks.
- Data extraction from block attributes.
- Exercise: Create an interactive title block with blocks and attributes.

Les gabarits

- Existing templates.
- Creating a template.
- CAD Standards and Templates Manager.
- Verifying a file with the CAD standard .
- Practical work Creation of a template with the graphic charter and the CAD standard.

Présentation et mise en page

- Layout tools and DWG to PDF format.
- Model space and paper space.
- Using presentation windows.
- Multiwindowing.
- Editing plans: the printer and the plotter.
- Electronic distribution.
- Improved PDF files.
- Attach PDF files to your drawings.
- Practical work Printing plans in PDF.

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