

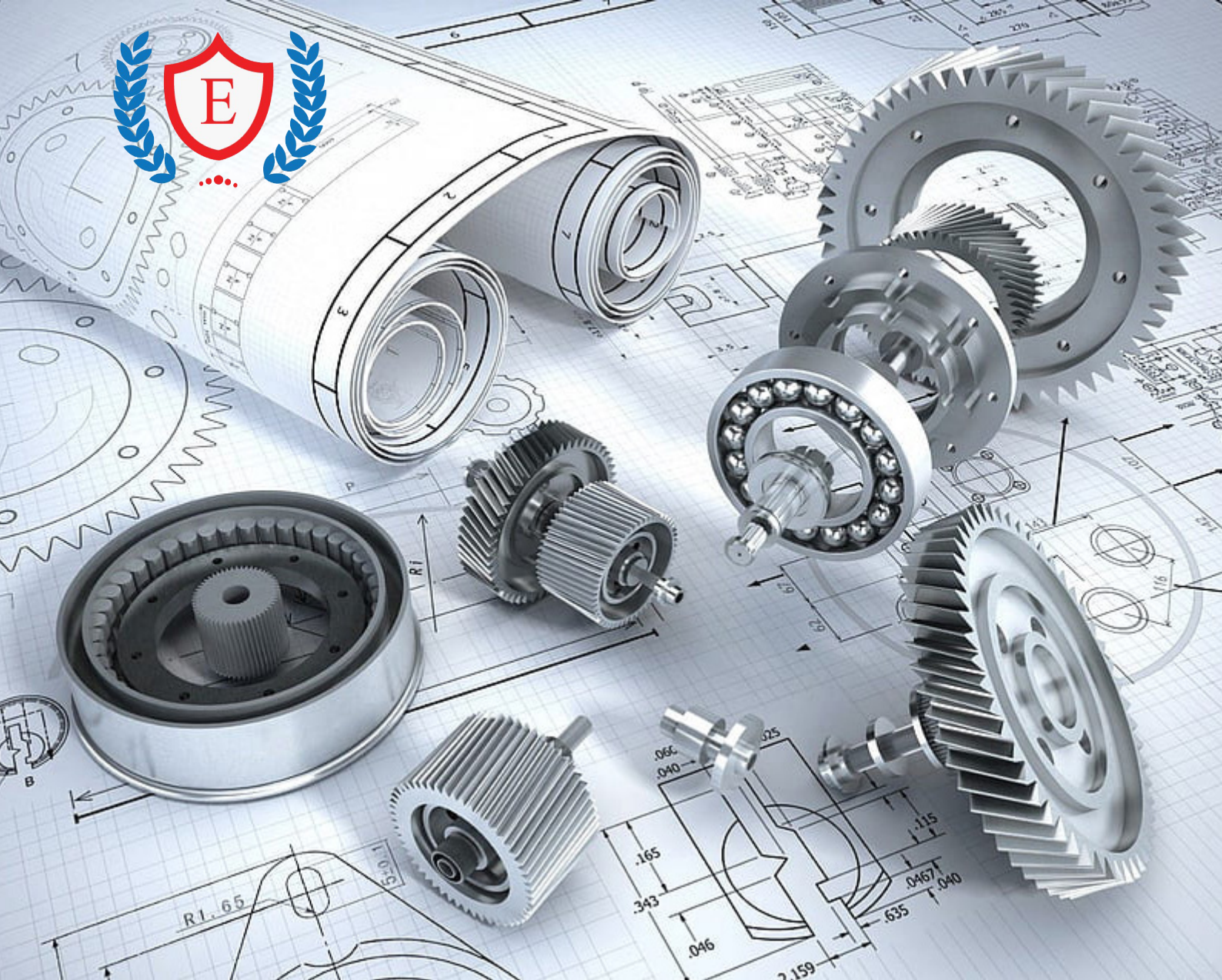


**AUTODESK**  
Authorized Training Center



# **AUTOCAD 3D 2025 COURSE**

[WWW.ELEGANT-TRAINING.AE](http://WWW.ELEGANT-TRAINING.AE)



### For whom is the course for?

**This course is suitable for**

- Interior Designers,Mechanical engineers
- Students who have the passion of Mechanical Engineering Design.
- Professionals who wants to increase their skills 3D skills.

### Pre-requisites

Basic understanding of CAD is enough to learn this course.





## About **AUTOCAD**

AutoCAD is computer-aided design (CAD) software that is used for precise 2D and 3D drafting, design, and modeling with solids, surfaces, mesh objects, documentation features, and more. It includes features to automate tasks and increase productivity such as comparing drawings, counting, adding objects, and creating tables. It also comes with seven industry-specific toolsets for electrical design, plant design, architecture layout drawings, mechanical design, 3D mapping, adding scanned images, and converting raster images. AutoCAD enable users to create, edit, and annotate drawings via desktop, web, and mobile devices.



### What you can expect ?

**Understand the AutoCAD interface:** navigate the AutoCAD user interface, understand the menus and tools, and customize the workspace to your preferences.

**Understand the 3D tools for designing:** Use of Draw menu tools & Modify menu tools

**Learning Standards:** create drawings under standard drafting (use of Dubai building code regulations in drawings)

**Projects under various disciplines:** working on different drawings under AEC (Architectural Engineering & Construction) Extents.



### Where to look for JOB ?

- Construction companies
- Engineering consultancies
- Manufacturing companies
- Interior Design companies
- Production companies

# Brief Contents

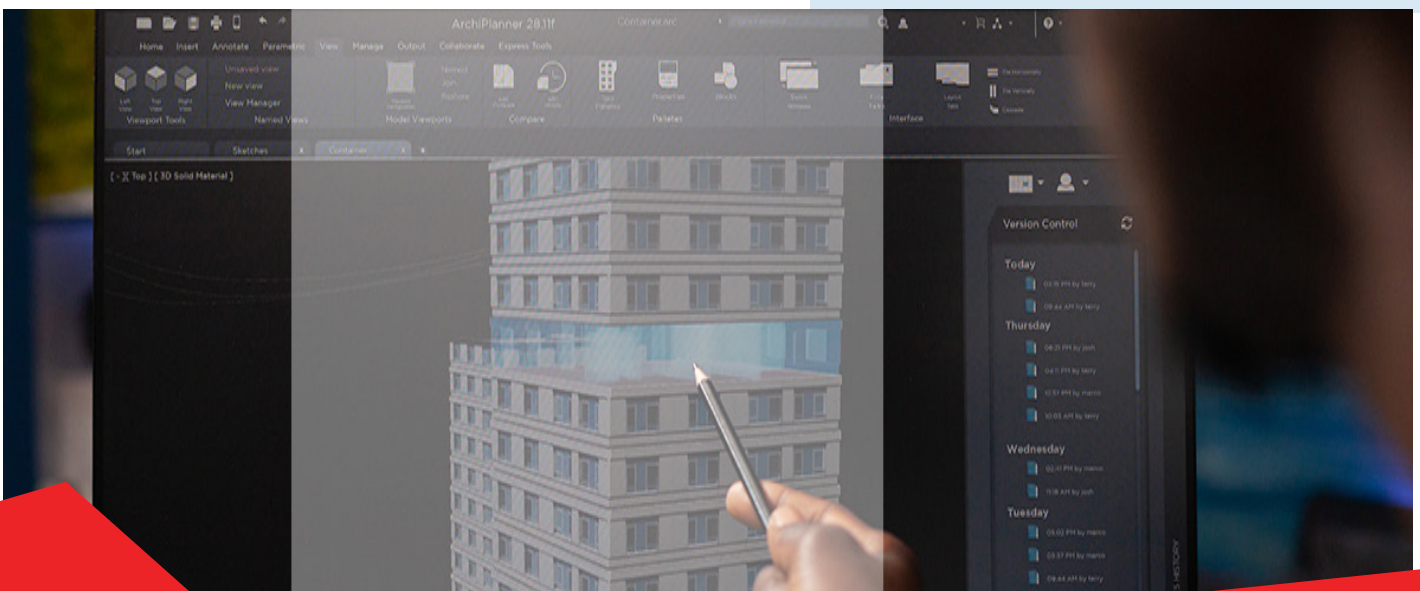


- Understanding 3D workspace & Tools
- Simple Solid Primitives
- Modeling a 3D object by Region & Extrude
- Working with User Coordinate System
- Creating solids & surfaces from Sweep, Revolve & Loft command
- Modifying in 3D space
- Advanced Solid editings
- Modeling in AutoCAD for Mechanical
- Surface Designing
- Modelling Architectural Techniques



## PROJECTS

- **Architectural project**
- **Interior Project**
- **HVAC project of a Building floor plan**
- **Electrical Design of a floor plan**
- **Interior Fitout Project**
- **3D sheetmetal part Project**
- **3D Assembly of a machine part**





## CONTACT US

### **ELEGANT TRAINING**

620, AB Center, Al Barsha 1, Beside Ibis Hotel, Sheikh Zayed Road, Near Insurance Market Metro Station, Dubai, UAE.

Phone : +971 4 399 7800

Mobile: +971 54 749 5664

Email: [info@elegant-training.ae](mailto:info@elegant-training.ae)

Web: <https://www.elegant-training.ae/>

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