

# **AutoCAD Mechanical**



#### Course details

## **Description:**

It is the oldest and most famous program in 2D drawing, which is used in all disciplines and fields (civil architecture-Mechanics - and others), and here in the mechanics section it is used to draw the mechanical panels for facilities and equipment ...very important for students of mechanics from the first mechanics.

## Course structure:

Course name: (AutoCAD Mechanical) 24 hours

8 lectures

## Resourcing, text books and reading material:

We recommend the following resources:

- Mastering Autodesk AutoCAD
- Autodesk AutoCAD Essentials



#### Web resources:

- https://www.autodesk.com/products/autocad/overview
- http://seek.autodesk.com/
- https://help.autodesk.com/view/ACD/2022/ENU/

### Prerequisites:

- Basic knowledge and skills about using computers.
- Engineering background is recommended

#### Certificates:

- Certificate from CAD MASTERS
- Certificate from Autodesk

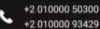
## **Grading:**

Attendance 40% Assignments 60%

To pass the course and receive both Autodesk certificate & CAD MASTERS certificate you should:

- Attend at least 80% of course hours
- Score more than 70% as a total score



























#### **Course Outline:**

This course including the following:

- Explanation of the main interface of the program and its definition
- Drawing commands and commands to modify
- Dimensional drawing
- work organization
- Practical applications of engineering drawing
- Applications to mechanical drawings
- The work of blocks and dealing with them
- Using external files to link with the program ref-X
- Work with different Attributes for linking and exporting between CAD and Excel databases
- How to deal with plates when printing at the end





www.cadmasters.org

















