

AutoCAD Civil



CIVIL CAD



SevenMentor
PVT.LTD

Introduction

Introduction to UI of AutoCAD Civil
Unit, Grid and General setups
Design Environment
Basic Workflow

Drawing Tools

Lines and Polylines
Circles
Arcs
Rectangles
Polygon
Hatch
Reference Lines

Modifying Tools

Move
Copy
Rotate
Mirror
Align
Scale
Trim & Extend
Fillet & Chamfer

Layers Create and Edit

Add new layers
Layer properties
Manage layers

Dimension Setup for Imperial and Metric

Create new dimension style
Modify dimension style



Civil Blocks

- Create Blocks
- Edit Blocks
- Create Attributes
- Modify Attributes
- Title Blocks and drawing page background
- Scale and align the blocks

Creating Civil Project

- Creating Floor Plans
- Creating Elevation Views
- Creating Section Views
- Hatch Patterns
- Furniture layout

Introduction to 3D

- 3D Workbench
- Extrude
- Revolve
- Sweep
- Loft
- Union
- Subtract
- Trim
- Intersect

Rendering

- Creating New Materials
- Applying Materials
- Light and sun settings
- Rendering setup

Documentation

- Printing and plotting setup
- Sheet Compiling and Page layout setup
- Export to PDF and other formats

