- ## AutoCAD Autodesk (2–3 Months)

- ### Module 1: Introduction & User Interface
- Understanding AutoCAD interface
- Command line navigation
- Coordinate system basics
- Drawing limits and units setup

- ### Module 2: Drafting Tools & Techniques
- Line, Circle, Rectangle, Arc, Polygon, Polyline
- Object Snaps (OSNAP), Ortho Mode, Polar Tracking
- Grids, Dynamic Input

- ### Module 3: Modifying Geometry
- Trim, Extend, Offset, Mirror, Fillet, Chamfer
- Move, Copy, Rotate, Scale, Array (Rectangular & Polar)

- ### Module 4: Layers & Annotation
- Creating and managing layers
- Hatching techniques
- Dimensioning styles and tools
- Text annotations (Multiline, Single line), Leaders

- ### Module 5: Blocks & Attributes
- Creating reusable blocks
- Using dynamic blocks
- Creating and editing block attributes

- ### Module 6: Layouts & Plotting

- Difference between Model Space and Paper Space
- Creating layouts and viewports
- Title blocks, Scaling, Plot styles (CTB/STB)
- Printing and exporting drawings

- Module 7: 3D Modeling (Optional Advanced)
- Introduction to 3D workspace
- Solid modeling: Extrude, Revolve, Sweep
- Visual styles, ViewCube, Rendering

- Module 8: Capstone Project
- Prepare a complete 2D floor plan with annotations
- Optional: Create a 3D model of a structure
- Plot and submit a final sheet set with layout