



| Prerequisites | Length | Description |
|--|--------|---|
| Thorough knowledge of AutoCAD and Architectural Design concepts. | 3 Days | This course focuses on the design development and construction documentation features of AutoCAD Architecture—the basic tools that the majority of students need in their work. |

Chapter 1: Introduction to AutoCAD Architecture

- Understanding AutoCAD Architecture
- The User Interface
- Viewing in 3D

Chapter 2: Basic Wall Construction

- Adding Walls
- Modifying Walls
- Creating Curtain Walls

Chapter 3: Creating Wall Openings

- Adding Wall Openings
- Modifying Wall Openings

Chapter 4: Structural Design

- Creating Column Grids and Columns
- Modifying Column Grids
- Annotating Column Grids
- Working With Structural Members

Chapter 5: Reflected Ceiling Plans

- Creating Ceiling Grids
- Modifying Ceiling Grids
- Inserting Ceiling Fixtures

Chapter 6: Vertical Circulation

- Adding Stairs
- Modifying Stairs
- Adding Railings
- Modifying Railings

Chapter 7: Floors

- Creating Floor Slabs
- Modifying Floor Slabs
- Editing Floor Slabs using Slab Tools



Chapter 8: Roofs

- Creating Roofs
- Modifying Roofs
- Working with Roof Slabs
- Modifying Roof Slabs
- Roof Slab Tools

Chapter 9: Fixtures, Furnishings, and Equipment

- Furnishing the Building Design
- Adding Blocks to the Tool Palettes

Chapter 10: Introduction to Drawing Management

- Project Concepts
- Using the Project Navigator

Chapter 11: Building Model Views

- Boundary and Detail Callouts
- Elevations and Building Sections
- Modifying Callout Objects
- Using Live Sections

Chapter 12: Annotation

- Drawing Scale for Annotation
- Adding Text and Leaders
- Dimensioning in AutoCAD Architecture
- Other Annotation Tools

Chapter 13: Scheduling

- Adding Door and Window Tags
- Editing Tag Data
- Creating Schedules
- Editing Schedules

Chapter 14: Creating Details

- Creating Details from Tool Palettes
- Using the Detail Component Manager
- Annotating Details with Keynotes

Chapter 15: Basic Visualization

- The Visualization Workspace
- 3D Navigation Tools
- Working with ShowMotion