

# ArchiCAD



## e-Learning Course

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**[www.zetlantech.com](http://www.zetlantech.com)**

# COURSE MODULES

## Module 1: Introduction to ArchiCAD

- Overview of BIM (Building Information Modeling) and ArchiCAD
- Understanding the user interface and navigation
- Customizing the workspace
- Project setup and templates

## Module 2: Basic Drawing & Modeling Tools

- Creating walls, slabs, columns, and beams
- Placing doors and windows
- Using the Magic Wand tool
- Working with layers and model views

## Module 3: Advanced Modeling Techniques

- Custom profiles and complex elements
- Morph tool for freeform modeling
- Shell and stair tools
- Curtain wall system

## Module 4: Documentation & Annotation

- Creating sections, elevations, and details
- Adding dimensions, texts, and labels
- Working with layouts and title blocks
- Generating schedules and reports

## **Module 5: Visualization & Rendering**

- Applying materials and textures
- Using CineRender for realistic rendering
- Sun studies and shadow analysis
- Exporting 3D views and presentations

## **Module 6: Collaboration & Workflow Optimization**

- Working with Teamwork and BIMcloud
- Importing and exporting files (DWG, IFC, PDF, SketchUp, etc.)
- Clash detection and coordination with other software
- Parametric object creation with GDL scripting

## **Module 7: Project Management & Optimization**

- Organizing project structure
- Managing large projects efficiently
- Automating repetitive tasks
- Performance optimization and troubleshooting