ArchiCAD for Professionals Training Course

Professional Development Training Course Outline

Category	Architectural Engineering	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

ArchiCAD for Professionals Training Course designed to equip architects, BIM specialists, and construction professionals with advanced Building Information Modeling (BIM) skills using ArchiCAD. This course emphasizes parametric design workflows, intelligent 3D modeling, documentation automation, and collaborative BIM project delivery aligned with global AEC (Architecture, Engineering, and Construction) standards. Participants will gain hands-on expertise in Graphisoft ArchiCAD tools, BIM coordination, architectural visualization, and real-time project collaboration, enabling them to deliver high-quality, data-driven building designs efficiently.

In today’s competitive architecture industry, mastery of ArchiCAD is essential for achieving digital transformation, sustainable design innovation, and integrated project management. This training focuses on real-world applications such as architectural drafting automation, BIM object creation, energy-efficient building design, and clash-free construction documentation. By the end of the course, learners will be fully capable of managing end-to-end BIM workflows, enhancing productivity, and delivering professional-grade architectural solutions that meet international standards.

Programme Curriculum

ArchiCAD for Professionals Training Course

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Course Duration

5 days

Course Objectives

1. Master BIM workflow optimization using ArchiCAD
2. Develop advanced 3D architectural modeling skills
3. Create intelligent parametric building components
4. Apply real-time BIM collaboration techniques
5. Produce high-quality construction documentation sets
6. Implement sustainable and green building design strategies
7. Enhance architectural visualization and rendering skills
8. Use clash detection and coordination workflows
9. Automate architectural drafting and detailing processes
10. Manage large-scale BIM project environments
11. Improve interdisciplinary coordination in AEC projects
12. Integrate Archicad with structural and MEP workflows
13. Deliver industry-standard BIM project outputs

Target Audience

1. Architects and Architectural Designers
2. BIM Modelers and BIM Coordinators
3. Civil and Structural Engineers
4. Construction Project Managers
5. Interior Designers
6. Architecture Students and Graduates
7. CAD Technicians upgrading to BIM
8. Urban Planners and Design Consultants

Course Modules

Module 1: Introduction to ArchiCAD & BIM Fundamentals

- Overview of BIM ecosystem and ArchiCAD interface
- Project setup and navigation tools
- Understanding layers, stories, and views
- File management and teamwork basics
- Case Study: Small residential BIM setup workflow

Module 2: 3D Modeling & Parametric Design

- Creating walls, slabs, and roofs
- Parametric object customization
- Complex geometry modeling tools
- Morph tool and design flexibility
- Case Study: Modern villa 3D modeling project

Module 3: Documentation & Drafting Automation

- Automatic drawing generation
- Dimensioning and annotation standards
- Layout book creation
- Drawing revisions and updates
- Case Study: Multi-storey office documentation set

Module 4: BIM Object Creation & Libraries

- Creating custom BIM objects
- Library management system
- Object classification standards
- Reusable design components
- Case Study: Furniture library for residential project

Module 5: Visualization & Rendering

- Rendering settings and workflows
- Light, texture, and material editing
- 3D cutaways and presentations
- Visualization for client presentations
- Case Study: High-end commercial building visualization

Module 6: Collaboration & Teamwork in BIM

- Teamwork and cloud collaboration
- File sharing and version control
- Hotlink modules usage
- Multi-user project coordination
- Case Study: Multi-disciplinary hospital project collaboration

Module 7: Advanced BIM Coordination

- Clash detection techniques
- Coordination with structural & MEP models
- Data exchange workflows
- IFC interoperability standards
- Case Study: High-rise building coordination model

Module 8: Project Delivery & Real-World BIM Application

- BIM execution planning
- Construction documentation finalization
- Quantity extraction and reporting
- Industry standards compliance

- Case Study: End-to-end commercial complex BIM delivery

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com