Architectural Design + Site Internship — Advanced Level (8 Weeks)

Course Duration: 8 Weeks (2 Months)
Classes per Week: 3
Class Duration: 4 Hours
Focus: Conceptual & Technical Design + Field Experience
Final Output: Full Architectural Project + Site Internship Report
Level: Advanced

Phase 1 — Architectural Design Studio (Weeks 1–4)

Students develop a complete architectural design project from concept to technical drawings before entering the field phase.

Week 1 — Design Concept & Site Context

- Introduction to advanced architectural design principles
- Understanding context, orientation, and site response
- Site analysis methods: topography, climate, circulation, and zoning
- Exercise: Develop a concept statement and basic site analysis diagrams

Week 2 — Space Planning & Form Development

- Translating client briefs into functional layouts
- Spatial hierarchy and circulation design
- Massing studies and form generation
- Exercise: Draft schematic plans and basic 3D form concepts

Week 3 — Structural & Material Integration

- Structural systems in small- to medium-scale projects
- Selecting materials for design intent, performance, and sustainability
- Drawing integration: plans, sections, and elevations
- Exercise: Develop technical drawings and preliminary sections

Week 4 — Design Presentation & Documentation

- Refining design proposals and presentation techniques
- Rendering and model-making workflows
- Creating architectural boards and portfolios
- Midterm Review: Studio critique and presentation

Phase 2 — Site Internship & Field Application (Weeks 5–8)

Students move to real-world site exposure while continuing design refinement and reporting.

Week 5 — Introduction to Site Internship

- Orientation on fieldwork and safety protocols
- Roles and responsibilities of designers on-site
- Identifying construction stages and project teams
- Assignment: Internship placement and daily log setup

Week 6 — Site Observation & Construction Analysis

- Observing site supervision, materials handling, and workforce coordination
- Recording data: site measurements, progress photos, and notes
- Linking on-site practices with design principles
- Field Report: First week of internship documentation

Week 7 — Site Evaluation & Reporting

- Understanding challenges in real-world construction
- Problem-solving and adaptive design thinking
- Preparing technical site sketches and observation reports
- Exercise: Draft weekly internship reflection

Week 8 — Final Project & Internship Presentation

- Final presentation of architectural project (drawings + renderings)
- Submission of site internship report and documentation portfolio
- Professional feedback and closing critique
- Certification and next steps for industry readiness

Learning Outcomes

- Develop and document a complete architectural design project
- Conduct comprehensive site analysis and apply findings to design
- Understand construction workflows and professional site operations
- Bridge conceptual and technical design thinking through real practice
- Present a professional portfolio demonstrating studio and field experience