

CLASS OBJECTIVE

Revit 301 is the class for the anyone who wants to lead or manage a BIM project or the BIM efforts within the office. We cover all the organization tools as well as take an in-depth look at setting up the software including templates, standards, model maintenance and health checks.

After completing the class, you'll be able to advise teams on best practices for setting up and organizing projects as well as develop your own templates and standards.

CLASS PRE-REQUISITE

Completion of Revit 201 or a minimum 1-year Revit experience.

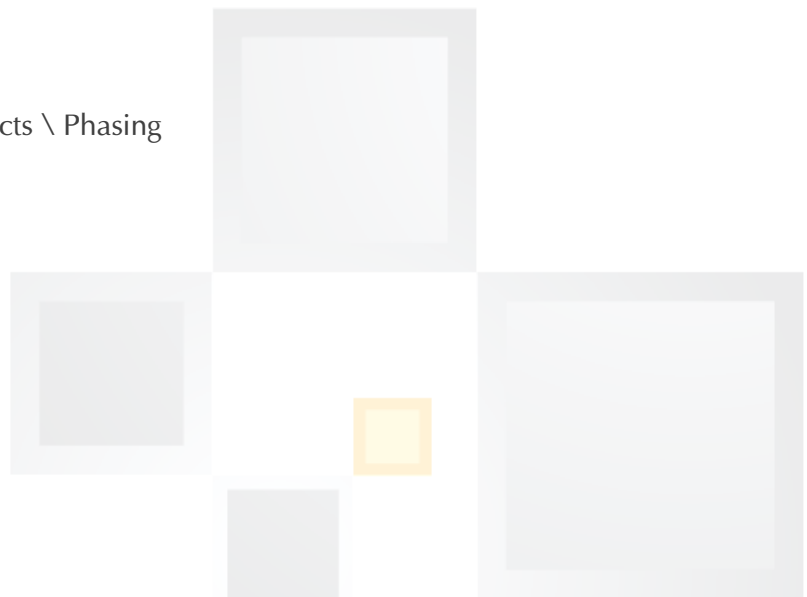
REVIT 301 - SETTING UP AND MANAGING REVIT PROJECTS

Session 1 - Setting Up Team Environment

- Workshop 1 - Worksharing & Worksets
- Workshop 2 – Origins and Linking CAD\Revit
 - Project Origin points
 - Shared Coordinate Systems
 - Internal Origin, Project Base Point, Survey Point
 - Changing elevations with specify coordinates at point.
 - Linking Revit Models and CAD files
 - Linking Procedures
 - Controlling Graphics of linked files
 - Copy\Monitor Overview
 - Export to CAD

Session 2 – Organizational Tools

- Workshop 1 - Groups
 - Model vs. Detail
 - Groups vs. Links (Housing Units)
- Workshop 2 - Design Options
 - Protected Content
 - Primary & VG Overrides
 - Presentation Views
- Workshop 3 - Renovation Projects \ Phasing
 - Phase Timeline
 - Phase Graphic overrides



Session 3 – Templates, Standards, & Model Maintenance

- Workshop 1 - Templates & Standards
 - Line Weights, Line Patterns, Line Styles
 - Materials & Fill Patterns
 - Surface & Section Pattern Creation
 - Painting Surfaces
 - Split Surfaces
 - Object Styles
 - Browser Organization
 - View Templates
 - Titleblocks
 - Schedules & Legends
 - Providing Defaults
 - Library Locations
 - Naming Conventions

- Workshop 2 – Model Maintenance
 - Purge\Audit Compact
 - Creating New Central Files
 - Journal files and Slogs
 - Backups\Restoring
 - Health Checks
 - Add-ins
 - Interop
 - Ideate
 - Kiwi
 - BIM One
 - Etc. Etc.
 - Archiving
 - Harvesting Project Content
 - Sending to consultant

