Autodesk® Revit Productivity Syllabus

Course Description

Once initial Revit Fundamentals training has been accomplished and competence with the use of Revit for your discipline at a basic level has been attained, Revit Productivity can be taken to advance your Revit skills to the next level. This class is geared for all disciplines and covers more advanced topics that are generally not covered in a fundementals class. It will also explore in more depth topics that may have been covered in a fundamentals class at a higher, overview level of instruction. Revit Productivity is the next step towards becoming a Revit “Power User”.

Course Objectives:

- Understand and use Cross-Discipline Collaboration tools.
- Work effectively with groups
- Import and Export Data
- Use Project Phasing and Design Options
- Effectively set up projects for multi-disciplinary collaboration
- Understand and be able to use more advanced schedule creation and formatting tools.
- Create and edit intelligent 2D families for annotation and enhanced modeling.
- Develop effective skills for managing your Revit Project Template and Standards

Courseware

Ascent Official Training Courseware
- Revit Collaboration Tools
- Revit BIM Management

Number of Days

3 Half Day Sessions

Who Should Attend

Users of Revit with a good understanding and proficiency with Revit fundamental tools.

Continuing Education Hours

11 Hours

Prerequisites

Revit Fundementals training for either Architecture, Structural Engineering, MEP Engineering or Corporate Interiors, or equivalent experience/proficiency.

System and Software Requirements

https://asti.com/LiveLab-Learning-amp-Training/LiveLab-System-Requirements

FAQs and Cancellation Policy

https://www.asti.com/LiveLab-Learning-amp-Training/LiveLab-FAQs

Class Outline and Topics:

Outline	Topic
Cross-Discipline Collaboration	Working with Civil/Survey files and Shared Coordinates Linked File View Control Worksharing Copy/Monitor and Coordination Review Interference Checking
Groups	Working with Model and Detail Groups Group Editing and Manipulation Saving a Group as a Project/Inserting a Project as a Group
Importing and Exporting Data	Importing and Linking Vector Data Importing Raster Data Exporting to CAD formats Exporting for Energy Analysis
Project Phasing	View and Element Phase Properties Phase Settings Phase-Specific Schedules Phase-Specific Views Phase Mapping with Linked Files
Design Options	Option Sets and Options Copying Elements to Option Sets Editing Options Option Visibility Control Option-Specific Schedules
Project Setup for Multi-Disciplinary Collaboration	Coordinating Civil/Survey files, Building Models and Site Models True North vs. Project North Understanding Shared Coordinates with Multiple Disciplines Levels and Views View Types and View Templates View Filters

Advanced Schedules	Shared vs. Project Parameters Calculated Values and Conditional Formatting Key Schedules and Other Schedule Types Other Schedule Types
2D Family Editing	Profile Families for 3D Modeling Generic Annotation and Custom Tags
Revit Project Template Development and Management	Revit Template Content Best Practices Establishing a Default Template Documenting Template Content and Changes Updating a Template from Project Data