

Revit Architecture Migrating from AutoCAD

Course Description

This course builds on the *Revit Architecture Essentials* course. It covers a wide range of topics on how to successfully migrate from AutoCAD®, a CAD drawing-based solution, to Revit® Architecture, a 3D building information modeling solution.

Students learn how to work seamlessly with AutoCAD DWG files, including how to migrate site plans and details and make those files smarter within their Revit Architecture projects. Students also learn techniques for collaborating in a multiplatform environment.

This course offers both imperial and metric hands-on exercises representing real-world design scenarios.

Suggested Course Duration:	1 day
Pages:	142
Trial CD:	Yes
Onscreen Exercises Included?	Yes

Objectives

The primary objective of this course is to teach students how to leverage their existing AutoCAD content in Revit Architecture projects and work seamlessly with AutoCAD drawing files.

After completing this course, students will be able to:

- Set up a project in the Revit Architecture environment with AutoCAD data.
- Import AutoCAD data to Revit Architecture.
- Export Revit Architecture information to AutoCAD.
- Share project information across multiplatform users and store project data for reuse.

Who Should Attend

This course is designed for students who have AutoCAD experience and have completed the *Revit Architecture Essentials* or *Revit Structure Essentials* course (or have similar experience), or who need to know how to leverage existing AutoCAD drawings.

Prerequisites

Students should have experience using AutoCAD and should have completed the *Revit Architecture Essentials* or *Revit Structure Essentials* course. Architectural design, drafting, or engineering experience is highly recommended. It is also recommended that the student have a working knowledge of Microsoft® Windows® XP or Microsoft® Windows® 2000.

Course Outline

Starting a Revit Architecture Project

- Setting up Projects with AutoCAD Data
- Migrating Project Standards
- Creating and Managing Drawing Sets

Leveraging AutoCAD Data

- Importing and Linking AutoCAD Data
- Using AutoCAD Data
- Adding Details using Imported CAD Data
- Importing, Exporting, and Managing AutoCAD Objects
- Exporting Revit Architecture Views to AutoCAD

Completing the Move to Revit Architecture

- Creating and Loading Families
- Collaborating with other Professionals
- Completing the Migration

Note: The suggested course duration is a guideline. Course topics and duration may be modified by the instructor based upon the knowledge and skill level of the course participants.

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