

Autodesk® Revit® Architecture 2010 Intermediate

Table of Contents

Part 1 – Collaboration Tools

Chapter 1: Project Phasing and Design Options

Project Phasing

Design Options

Chapter Review Questions

Chapter 2: Groups and Links

Using Groups

Linking Revit Files

Links and Groups

Visibility and Graphic Overrides in Linked Views

Interference Checking

Chapter Review Questions

Chapter 3: Importing and Exporting

Importing Vector Files

Modifying Imported Files

Importing Raster Image Files

Exporting Files

Exporting for Energy Analysis (Optional)

Chapter Review Questions

Chapter 4: Project Team Collaboration

Introduction to Worksets

Opening Workset-Related Projects

Working in Workset-Related Projects

Setting up Worksets

Best Practices for Worksets

Chapter Review Questions

Part 2 - Advanced Design Development

Chapter 5: Advanced Modeling Tools

Creating Sloped Floors, Roofs, and Slabs
Creating Dormers
Chapter Review Questions

Chapter 6: Curtain Walls

Creating Curtain Walls
Adding Curtain Grids
Creating Curtain Wall Types with Automatic Grids
Working with Curtain Wall Panels
Attaching Mullions to Curtain Grids
Chapter Review Questions

Chapter 7: Site Design

Creating Topographical Surfaces
Property Lines and Building Pads
Modifying Toposurfaces
Annotating Site Plans
Site Components
Shared Positioning
Chapter Review Questions

Chapter 8: Structural Tools

Structural Basics
Foundation Plans
Framing Plans and Elevations
Chapter Review Questions

Part 3 - Advanced Construction Documents

Chapter 9: Detailing in Revit Architecture

Setting Up Detail Views
Creating Details
Annotating Details
Patterning
Chapter Review Questions

Chapter 10: Schedules

Creating Schedules
Creating Material Takeoff Schedules
Adding Parameters and Calculated Values
Scheduling Structural Elements
Chapter Review Questions

Chapter 11: Advanced Annotation

Keynoting and Keynote Legends
Creating Legends
Revision Tracking
Chapter Review Questions

Chapter 12: Advanced View Setup

View Templates
Working with Dependent Views
Enhancing Views
Chapter Review Questions