



ASCENT courseware mapping reference for Autodesk Certification Exam objectives

The following tables will help you identify which of the ASCENT Revit Architecture 2012 training guides (and in which chapter), you'll find the Autodesk exam objectives in order to help prepare you for the Autodesk Revit Architecture 2012 Certified Associate and Certified Professional exams.

Table 1: Certified **Associate** Exam Objectives and ASCENT courseware mapping reference

Exam Sections	Exam Objectives	Training Guide & Chapter
Collaboration	Use worksharing	Collaboration Tools: Chapter 4
	Import DWG files into Revit	Collaboration Tools: Chapter 2
Documentation	Create and modify filled regions	Fundamentals: Chapter 16
	Place detail components and repeating details	Fundamentals: Chapter 16
	Use dimension strings	Fundamentals: Chapter 14
	Set the colors used in a color scheme legend	Conceptual Design & Visualization: Chapter 2
Elements	Create a stacked wall	BIM Management: Chapter 3
	Differentiate system and component families	BIM Management: Chapter 4
	Modify an element's type parameters	Fundamentals & BIM Management: Varies
	Use Revit family templates	Fundamentals: Chapter 1
Modeling	Create a building pad	Site & Structure: Chapter 1
	Define floors for a mass	Conceptual Design & Visualization: Chapter 1
	Create a stair with a landing	Fundamentals: Chapter 12
	Generate a toposurface	Site & Structure: Chapter 1
	Model railings	Fundamentals: Chapter 12
	Edit a model element's material (door, window, furniture)	Fundamentals: Chapter 5
	Change a generic floor/ceiling/roof to a specific type	Fundamentals: Chapters 8, 10, & 11
	Attach walls to a roof or ceiling	Fundamentals: Chapter 11
Views	Define element properties in a schedule	Fundamentals: Appendix A BIM Management: Chapter 2
	Control visibility	Fundamentals: Chapter 7
	Use levels	Fundamentals: Chapter 3
	Create and manage legends	Fundamentals: Chapter 14
	Manage view position on sheets	Fundamentals: Chapter 13
	Move the view title independently of the view	Fundamentals: Chapter 13
	Organize and sort items in a schedule	Fundamentals: Appendix A BIM Management: Chapter 2

REVIT ARCHITECTURE 2012 COURSEWARE

Autodesk Revit Architecture building design software works the way architects and designers think, so users can develop higher-quality, more accurate architectural designs.

ASCENT offers the following 2012 *Autodesk Official Training Guides* to teach Revit Architecture users how to utilize this complex software:

- ▶ Revit 2012 BIM Management for Architecture, Structure, and MEP
- ▶ Revit Architecture 2012 Collaboration Tools
- ▶ Revit Architecture 2012 Conceptual Design and Visualization
- ▶ Revit Architecture 2012 Fundamentals
- ▶ Revit Architecture 2012 Site and Structural Design

Table 2: Certified **Professional** Exam Objectives and ASCENT courseware mapping reference

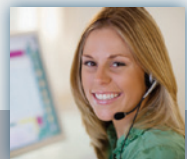
Exam Sections	Exam Objectives	Training Guide & Chapter
Collaboration	Copy and monitor elements in a linked file	Collaboration Tools: Chapter 4
	Import DWG files into Revit	Collaboration Tools: Chapter 2
Documentation	Tag elements (doors, windows, etc.) by category	Fundamentals: Chapter 15
Elements	Change elements within a curtain wall (grids, panels, mullions)	Fundamentals: Chapter 6
	Create compound walls	BIM Management: Chapter 3
	Create a stacked wall	BIM Management: Chapter 3
	Create and modify family categories	BIM Management: Chapter 5
	Create a new family type	BIM Management: Chapter 4
Modeling	Assess review warnings in Revit	Varies
	Define floors for a mass	Conceptual Design & Visualization: Chapter 1
	Create a stair with a landing	Fundamentals: Chapter 12
	Create elements such as a floors, ceilings, or roofs	Fundamentals: Chapters 8, 10, & 11
	Generate a toposurface	Site & Structure: Chapter 1
	Model railings	Fundamentals: Chapter 12
	Work with phases	Collaboration Tools: Chapter 1
	Attach walls to a roof or ceiling	Fundamentals: Chapter 11
Views	Control visibility	Fundamentals: Chapter 7
	Use levels	Fundamentals: Chapter 3
	Create a duplicate view for a plan, section, elevation, drafting view, etc.	Fundamentals: Chapter 7
	Create and manage legends	Fundamentals: Chapter 14

AUTODESK OFFICIAL TRAINING GUIDES from ASCENT

ASCENT incorporates the best of Expert-Led (instructor-led) and technology-based training offerings to create the most effective course content, ensuring that users achieve maximum productivity from their chosen engineering tools.

ASCENT Offers:

- A building block approach
- Real-world drawing projects
- Extensive illustrations and lab exercises
- Drawing files to complete practice exercises
- Choice of ordering printed Student Guides, PDF eBooks, or annual licenses to print on-demand
- Instructor Tools in PDF format for those teaching the course



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