

# Contents at a Glance

<i>Introduction</i> .....	xxv
<b>Part 1 • Fundamentals</b> .....	<b>1</b>
Chapter 1 • Introduction: The Basics of BIM.....	3
Chapter 2 • Applying the Principles of the User Interface and Project Organization .....	19
Chapter 3 • The Basics of the Toolbox .....	65
Chapter 4 • Configuring Templates and Standards.....	107
<b>Part 2 • Collaboration and Teamwork.</b> .....	<b>159</b>
Chapter 5 • Working in a Team.....	161
Chapter 6 • Working with Consultants .....	197
Chapter 7 • Interoperability: Working Multiplatform.....	229
<b>Part 3 • Modeling and Massing for Design</b> .....	<b>269</b>
Chapter 8 • Advanced Modeling and Massing .....	271
Chapter 9 • Conceptual Design and Design Analysis.....	325
Chapter 10 • Working with Phasing, Groups, and Design Options .....	363
Chapter 11 • Visualization .....	417
<b>Part 4 • Extended Modeling Techniques</b> .....	<b>473</b>
Chapter 12 • Creating Walls and Curtain Walls.....	475
Chapter 13 • Modeling Floors, Ceilings, and Roofs.....	539
Chapter 14 • Designing with the Family Editor .....	573
Chapter 15 • Creating Stairs and Railings.....	623

<b>Part 5 • Documentation .....</b>	<b>683</b>
Chapter 16 • Detailing Your Design.....	685
Chapter 17 • Documenting Your Design.....	717
Chapter 18 • Annotating Your Design.....	749
<b>Part 6 • Construction and Beyond.....</b>	<b>795</b>
Chapter 19 • Working in the Construction Phase.....	797
Chapter 20 • Presenting Your Design.....	823
Chapter 21 • Working with Point Clouds .....	847
<b>Appendices .....</b>	<b>867</b>
Appendix A • The Bottom Line.....	869
Appendix B • Tips, Tricks, and Troubleshooting .....	889
Appendix C • Autodesk Revit Architecture Certification .....	911
<i>Index.....</i>	919