

# Autodesk® **AutoCAD® Architecture 2016 Fundamentals**

Elise Moss



Visit the following websites to learn more about this book:



[amazon.com](https://www.amazon.com)

[Google books](https://books.google.com)

[BARNES & NOBLE](https://www.barnesandnoble.com)

# Table of Contents

<b>Preface</b>	i
<b>Acknowledgements</b>	i
<b>About the Author</b>	ii
<b>Lesson 1:</b>	
<b>Desktop Features</b>	
Exercise 1-1: Setting the Template for QNEW	1-7
Exercise 1-2: Creating a New Geometric Profile	1-24
Exercise 1-3: Creating a New Visual Style	1-27
Exercise 1-4: Creating an Autodesk 360 Account	1-29
Exercise 1-5: Creating a New Wall Style	1-30
Exercise 1-6: Creating a Tool	1-38
Exercise 1-7: Copying a Style to a Template	1-41
Exercise 1-8: Exploring the Display Manager	1-50
Exercise 1-9: Creating a Text Style	1-54
Exercise 1-10: Project Settings	1-55
<b>Lesson 2:</b>	
<b>Site Plans</b>	
Exercise 2-1: Creating Custom Line Types	2-2
Exercise 2-2: Creating New Layers	2-4
Exercise 2-3: Creating a Site Plan	2-8
Exercise 2-4: Creating a Layer User Group	2-21

## Quiz 1

### Lesson 3

#### Floor Plans

Exercise 3-1: Going from a 2D to 3D Floor Plan	3-1
Exercise 3-2: Creating Walls	3-9
Exercise 3-3: Creating a Floor Plan Using an Image	3-13
Exercise 3-4: Adding Doors	3-27
Exercise 3-5: Create an Arched Opening Tool	3-36
Exercise 3-6: Adding an Opening	3-38
Exercise 3-7: Add Window Assemblies	3-41

### Lesson 4

#### Space Planning

Exercise 4-1: Creating AEC Content	4-1
Exercise 4-2: Furnishing the Common Areas	4-7
Exercise 4-3: Adding to the Service Areas	4-13

## Quiz 2

### Lesson 5

#### Roofs

Exercise 5-1: Creating a Roof Using Existing Walls	5-4
Exercise 5-2: Roof Slabs	5-6
Exercise 5-3: Modify Roof Line	5-11
Exercise 5-4: Trimming Roof Slabs	5-14

Exercise 5-5: Roof Styles	5-21
<b>Lesson 6</b>	
<b>Structural Members</b>	
Exercise 6-1: Creating Member Styles	6-4
Exercise 6-2: Creating Member Shapes	6-5
Exercise 6-3: Adding Structural Members	6-7
Quiz 3	
<b>Lesson 7</b>	
<b>Rendering &amp; Materials</b>	
Exercise 7-1: Modifying the Material Browser Interface	7-4
Exercise 7-2: Copy a Material from a Library to a Drawing	7-8
Exercise 7-3: Adding Color to Walls	7-10
Exercise 7-4: Reference Manager	7-15
Exercise 7-5: Camera View	7-17
Exercise 7-6: Create Rendering	7-20
Exercise 7-7: Render in Cloud	7-23
<b>Lesson 8</b>	
<b>Documentation</b>	
Exercise 8-1: Creating a Custom Titleblock	8-2
Exercise 8-2: Verifying the Project Settings	8-13
Exercise 8-3: Creating Elevation Views	8-14
Exercise 8-4: Editing an Elevation View	8-16



Exercise 8-5 Creating Layouts	8-20
Exercise 8-6 Creating a Sheet	8-23
Exercise 8-7 Modify a Dimension Style	8-26
Exercise 8-8: Dimensioning a Floor Plan	8-28
Exercise 8-9: Create a Wall Section	8-33
Exercise 8-10: Create a Section View	8-36
Exercise 8-11: Add a Callout	8-38
Exercise 8-12: Creating Space Styles	8-46
Exercise 8-13: Adding Spaces	8-48
Exercise 8-14: Modifying Spaces	8-51
Exercise 8-15: Adding Room Tags	8-54
Exercise 8-16: Adding Door Tags	8-56
Exercise 8-17: Create a Door Schedule	8-58
Exercise 8-18: Create a Door Schedule Style	8-61
Exercise 8-19: Create a Room Schedule	8-65
Quiz 4	