

CONTENTS

Chapter 1 ■ Getting Familiar with Photoshop CS4 1

Exploring the New Interface	4
The Toolbar	4
The Menu Bar	4
The Options Bar	4
The Document Window	5
The Toolbox	6
All New Tabbed Palettes	16
Opening an Existing File	20
Opening Files Using the Adobe Bridge Application	22
Screen Modes	23
The Standard Screen Mode	23
Full Screen Mode with Menu Bar	24
Full Screen Mode	24
Creating a New Document	25
Saving Files	27
Reverting Files	29
Closing Files and Quitting Photoshop	29
Summary	30

Chapter 2 ■ Configuring Photoshop Settings 31

Selecting a Workspace	32
Managing Palettes in the Photoshop Window	36
Changing the Position of a Palette Group	36
Changing the Position of Palettes	36
Splitting a Palette from the Palette Group	39
Expanding Palettes	40
Keyboard Shortcuts and Menu Settings	40
Creating Shortcut Keys	40
Highlighting Frequently Used Menu Options	43
Saving a Workspace	46
Deleting a Workspace	47
Customizing Preferences	48
Setting General Preferences	48
Setting Interface Preferences	50
Setting File-Handling Preferences	50

Setting Performance Preferences	51
Setting Cursor Preferences	52
Summary	52
Chapter 3 ■ Working with Images	53
Differences between Bitmap and Vector Images	54
Understanding Image Resolution.....	54
Understanding Pixel Logic.....	55
Changing the Resolution of an Image	55
Changing the Size of a Document	57
Resampling an Image	58
Editing Images	58
Rotating an Image	58
Cropping an Image.....	61
Hiding an Image Instead of Cropping	63
Adjusting the Canvas Size	65
Duplicating an Image	67
Different Color Modes in Photoshop	69
The RGB Color Mode.....	69
The CMYK Color Mode.....	69
The Indexed Color Mode.....	70
The Duotone Color Mode	70
The Grayscale Color Mode.....	70
The HSB Color Mode	70
The Lab Color Mode	70
The Multichannel Color Mode	71
Changing the Color Mode	71
Making Color Adjustments	72
LEVELS Palette.....	72
CURVES Palette.....	73
Brightness/Contrast Palette	74
Hue/SATURATION Palette.....	75
HISTOGRAM Palette.....	75
Variations Command.....	76
File Formats in Photoshop	77
PhotoShop Document (PSD)	77
Bitmap (BMP)	77
Encapsulated PostScript (EPS)	77

Tagged Image File Format (TIFF).....	77
Graphics Interchange Format (GIF).....	78
Joint Photographic Experts Group (JPEG).....	78
Portable Document Format (PDF).....	79
Summary.....	82

Chapter 4 ■ Working with Selections 83

Working with Selection Tools	84
Marquee Tools	84
Lasso Tools.....	93
Magic Wand Tool	97
Making a Selection Based on Color Range.....	98
Modifying a Selection	100
Adding and Subtracting from a Selection.....	101
Expand and Contract Commands	101
Grow and Similar Commands	102
Refine Edges.....	104
Inverse	105
Transforming a Selection.....	106
Scaling a Selection	107
Rotating a Selection.....	108
Distorting a Selection	109
Skewing a Selection	109
Changing the Appearance of a Selection in a Perspective Manner	110
Warping a Selection.....	111
Saving and Loading Selection	112
Summary.....	114

Chapter 5 ■ Drawing, Painting, and Retouching Tools 115

Setting the Current Foreground and Background Colors.....	116
The Color Picker Dialog Box.....	117
Eyedropper Tool.....	117
The COLOR Palette.....	119
The SWATCHES Palette.....	120
The Drawing Tools.....	122
Using Ellipse Tool.....	122
Using Custom Shape Tool	123
Pen Tool.....	124

The Painting Tools.....	130
Gradient Tool.....	130
Paint Bucket Tool.....	132
Brush Tool.....	134
Pencil Tool.....	141
Color Replacement Tool.....	142
Retouching Tools.....	143
Spot Healing Brush Tool.....	143
Healing Brush Tool.....	144
Patch Tool.....	146
Clone Stamp Tool.....	146
Pattern Stamp Tool.....	147
Eraser Tool.....	149
Background Eraser Tool.....	151
Magic Eraser Tool.....	151
Blur Tool.....	152
Sharpen Tool.....	153
Smudge Tool.....	153
Dodge Tool.....	153
Burn Tool.....	154
Sponge Tool.....	154
Summary.....	154

Chapter 6 ■ Mastering Layers in Photoshop 155

About the LAYERS Palette.....	156
Working with Layers.....	159
Creating a New Layer.....	159
Hiding and Showing Layers.....	163
Deleting Layers.....	164
Deleting a Layer using Layer Menu.....	164
Changing the Stacking Order of the Layer.....	166
Relocating Layers in the Image.....	167
Merging Layers.....	168
Flattening Images.....	170
Moving Layers between Images.....	171
Linking and Unlinking Layers.....	172
Working with Adjustment Layers.....	174
Applying Blend Modes.....	176

Masking Layers.....	182
Layer Masking	182
Vector Masking	184
Type Masking.....	184
Shape Masking.....	187
Summary.....	190

Chapter 7 ■ Layer Style and Filter Effects 191

Layer Style.....	192
Using the Layer Style Dialog Box	192
Applying a Layer Style.....	195
Copying Styles.....	198
Clearing Styles.....	199
Creating Layers from Layer Styles	200
About Filters.....	200
About Smart Objects and Filters	208
Creating a Smart Object	208
Editing Smart Objects	210
The Filter Gallery	212
Applying the Mosaic Tiles Filter	213
Applying the Liquify Filter	214
Applying the Vanishing Point Filter	217
Applying the Artistic Filters.....	219
Applying the Blur Filters	221
Applying the Brush Stroke Filters.....	222
Applying the Distort Filters.....	223
Applying the Noise Filters	224
Applying Sketch Filters	225
Applying Render Filters	226
Summary.....	228

Chapter 8 ■ Automation, 3D, and Printing in Photoshop 229

Creating an Action	230
Performing Photomerge in Photoshop.....	232
Text Editing in Photoshop.....	234
Finding and Replacing Text.....	235
Creating 3D Artwork in Photoshop	237
Creating a 3D Shape	237



Editing 3D Shape.....	238
Loading a New Texture to 3D Shape.....	239
Animation in Photoshop.....	240
Printing in Photoshop.....	247
Page Setup.....	247
Various Print Commands in Photoshop	249
Summary.....	252