

Contents at a Glance

<i>Introduction</i>	1
<i>Part I: Breezing through Basic Training</i>	7
Chapter 1: Welcome to Photoshop!	9
Chapter 2: Knowing Just Enough about Digital Images	23
Chapter 3: Taking the Chef's Tour of Your Photoshop Kitchen	43
Chapter 4: Getting Images into and out of Photoshop	63
<i>Part II: Easy Enhancements for Digital Images</i>	85
Chapter 5: Adding Dark Shadows and Sparkling Highlights	87
Chapter 6: Making Color Look Natural	107
Chapter 7: Hur-RAW for the Home Team!	133
Chapter 8: Fine-Tuning Your Fixes	147
Chapter 9: Common Problems and Their Cures	173
<i>Part III: Creating "Art" in Photoshop</i>	189
Chapter 10: Combining Images	191
Chapter 11: Precision Edges with Vector Paths	209
Chapter 12: Dressing Up Images with Layer Styles	235
Chapter 13: Giving Your Images a Text Message	257
Chapter 14: Painting in Photoshop	287
Chapter 15: Filters: The Fun Side of Photoshop	305
<i>Part IV: Power Photoshop</i>	323
Chapter 16: Streamlining Your Work in Photoshop	325
Chapter 17: Spiffing Up Your Online Offerings	339
<i>Part V: The Part of Tens</i>	355
Chapter 18: Pete's Top Ten Favorite Photoshop Tips and Tricks	357
Chapter 19: Ten Extras You Should Consider	367
Chapter 20: Ten Reasons to Own a Digital Camera	369
<i>Index</i>	373

Table of Contents

Introduction 1

About This Book	1
How This Book Is Organized	2
Part I: Breezing through Basic Training	3
Part II: Easy Enhancements for Digital Images	3
Part III: Creating “Art” in Photoshop	3
Part IV: Power Photoshop	3
Part V: The Part of Tens	4
Conventions Used in This Book	4
Icons Used in This Book	5
How to Use This Book	5

Part I: Breezing through Basic Training 7

Chapter 1: Welcome to Photoshop! 9

Exploring Adobe Photoshop	10
What Photoshop is designed to do	10
Other things you can do with Photoshop	12
If you don’t have specialized software	14
Viewing Photoshop’s Parts and Processes	16
Reviewing basic computer operations	16
Photoshop’s incredible selective Undo	18
Installing Photoshop: Need to know	20

Chapter 2: Knowing Just Enough about Digital Images 23

What Exactly Is a Digital Image?	24
The True Nature of Pixels	25
How Many Pixels Can Dance on the Head of a Pin?	27
Resolution revelations	28
Resolving image resolution	29
File Formats: Which Do You Need?	36
Formats for digital photos	36
Formats for Web graphics	38
Formats for commercial printing	39
Formats for PowerPoint and Word	41

Chapter 3: Taking the Chef’s Tour of Your Photoshop Kitchen 43

Food for Thought: How Things Work	44
Ordering from the menus	44
Your platter full of palettes	45
The tools of your trade	48

Get Cookin' with Customization	50
Clearing the table: Custom workspaces	50
Sugar and spice, shortcuts are nice	52
Spoons can't chop: Creating tool presets	54
Season to Taste: Photoshop's Settings	55
Standing orders: Setting the Preferences	55
Ensuring consistency: Color Settings	59
When Good Programs Go Bad: Fixing Photoshop	61

Chapter 4: Getting Images into and out of Photoshop 63

Bringing Images into Photoshop	64
Downloading from your digital camera	65
Scanning prints	67
Keeping Your Images Organized	69
Creating a folder structure	69
Using Adobe Bridge	70
Renaming image files easily	73
Printing Your Images	74
Cropping to a specific aspect ratio	74
Remembering resolution	76
Controlling color using Print with Preview	77
Considering color management solutions	78
Printing alternatives	80
Sharing Your Images on the Internet	81
Using Web Photo Gallery	81
E-mailing your images	83

Part II: Easy Enhancements for Digital Images 85

Chapter 5: Adding Dark Shadows and Sparkling Highlights 87

Adjusting Tonality to Make Your Images Pop	88
Histograms Simplified	88
Using Photoshop's Auto Corrections	92
Levels and Curves and You	93
Level-headed you!	94
Tonal corrections with the eyedroppers	96
Adjusting your curves without dieting	97
Grabbing Even More Control	99
Using Shadow/Highlight	100
Changing exposure after the fact	104
Using Photoshop's toning tools	105

Chapter 6: Making Color Look Natural 107

What Is Color in Photoshop?	107
Color modes, models, and depths	108
Recording color in your image	113

Color Adjustments in Photoshop	113
Watching the Histogram and Info palettes	115
Choosing color adjustment commands	116
Working with Variations	128
Manual corrections in individual channels	129
The People Factor: Flesh Tone Formulas	130

Chapter 7: Hur-RAW for the Home Team!133

Understanding the Raw Facts	133
What's the big deal about Raw?	134
Working in Raw	135
Do You Have What It Takes?	137
Working in the Camera Raw Plug-In	137
Tools and preview options	138
The histogram	139
The preview area	139
Workflow options	140
The Settings pop-up and menu	141
The Adjust tab	141
The Detail tab	142
The Lens tab	143
The Curve tab	143
The Calibrate tab	144
The Camera Raw buttons	144

Chapter 8: Fine-Tuning Your Fixes147

What Is a Selection?	148
Feathering and Anti-aliasing	150
Making Your Selections with Tools	152
Marquee selection tools	153
The Magic Wand tool	157
Your Selection Commands	158
The primary selection commands	158
The Color Range command	159
Selection modification commands	160
Transforming the shape of selections	162
The mask-related selection commands	164
Masks: Not Just for Halloween Anymore	164
Saving and loading selections	165
Editing an alpha channel	166
Working in Quick Mask mode	168
Adding masks to layers	168
Masking layers with vector paths	169
Adjustment Layers: Controlling Changes	169
Adding an adjustment layer	170
Limiting your adjustments	171

Chapter 9: Common Problems and Their Cures173

Making People Prettier	174
Getting the red out . . . digitally	174
The digital fountain of youth	175
Dieting digitally	176
De-glaring glasses	178
Whitening teeth	179
Reducing Noise in Your Images	179
Decreasing digital noise	179
Eliminating luminance noise	180
Fooling Around with Mother Nature	181
Removing the unwanted from photos	181
Eliminating the lean: Fixing perspective	186
Rotating images precisely	187

Part III: Creating “Art” in Photoshop189**Chapter 10: Combining Images191**

Compositing Images: 1 + 1 = 1	191
Understanding layers	192
Using the basic blending modes	193
Opacity, transparency, and layer masks	196
Creating clipping groups	196
Making composited elements look natural	198
Selecting with Extract	199
Vanishing Point!	200
Putting Together Images Automatically	204
Creating panoramas with Photomerge	204
Combining exposures for HDR images	206

Chapter 11: Precision Edges with Vector Paths209

Pixels, Paths, and You	210
Easy Vectors: Using Shape Layers	212
Your basic shape tools	212
The Custom Shape tool	213
Defining your own custom shapes	214
Changing the appearance of the shape layer	217
Simulating a multicolor shape layer	217
Using Your Pen Tool to Create Paths	219
Understanding paths	219
Clicking and dragging your way	
down the path of knowledge	220
A closer look at the Paths palette	223

Customizing Any Path	227
Adding, deleting, and moving anchor points	227
Combining paths	230
Tweaking type for a custom font	232
Chapter 12: Dressing Up Images with Layer Styles	235
What Are Layer Styles?	235
Using the Styles Palette	237
Creating Custom Layer Styles	239
Exploring the Layer Style menu	239
Exploring the Layer Style dialog box	241
Layer effects basics	242
Opacity, fill, and advanced blending	251
Saving Your Layer Styles	254
Adding styles to the Style palette	254
Preserving your layer styles	255
Chapter 13: Giving Your Images a Text Message	257
Making a Word Worth a Thousand Pixels	258
A type tool for every season, or reason	260
What are all those options?	263
Taking control of your text with palettes	266
The palette menus — even more options	270
Putting a picture in your text	271
Creating Paragraphs with Type Containers	274
Selecting alignment or justification	276
Ready, BREAK! Hyphenating your text	277
Shaping Up Your Language with Warp Text and Type on a Path	277
Applying the predefined warps	278
Customizing the course with paths	280
Finding and Adding Fonts	283
Downloading and purchasing fonts	283
Installing (and removing) fonts: Mac	284
Installing (and removing) fonts: Windows	285
Chapter 14: Painting in Photoshop	287
Discovering Photoshop's Painting Tools	288
Painting with the Brush tool	289
Adding color with the Pencil tool	291
Removing color with the Eraser tool	292
Picking a color	292
Working with other brush-using tools	295
Filling, stroking, and dumping to add color	297
Using gradients	298
Browsing the Brushes Palette	299
An overview of options	300
Creating and saving custom brush tips	303

Chapter 15: Filters: The Fun Side of Photoshop 305

The Filters You Really Need	305
Sharpening to focus the eye	306
Unsharp Mask	307
Blurring images or selections	310
Using the Lens Correction filter	313
Cleaning up with Reduce Noise	315
Getting Creative with the Filter Gallery	316
Push, Pull, and Twist with Liquify	318
Do I Need Those Other Filters?	321
Bending and bubbling	321
Creating clouds	322

Part IV: Power Photoshop 323**Chapter 16: Streamlining Your Work in Photoshop 325**

Running on Auto	326
Creating a PDF presentation	326
Collecting thumbnails in a contact sheet	328
Scanning multiple photos in one pass	330
Saving paper with Picture Package	330
Ready, Set, Action!	332
Recording your own Actions	333
Working with the Batch command	336
Sticking to the Script	338

Chapter 17: Spiffing Up Your Online Offerings 339

Integrating Photoshop and ImageReady	340
Compromising Quality for Speed	340
Optimizing with Save for Web	340
Optimizing in ImageReady	347
Slicing and Adding Image Maps	347
Creating slices: How and why	347
Designating links with image maps	349
Creating Rollover Buttons	349
Adding a rollover state	350
Saving a rollover button	351
A Moving Experience: Animation	351
Creating a basic animation	351
Adding frames easily with tweening	352

Part V: The Part of Tens355**Chapter 18: Pete's Top Ten Favorite Photoshop Tips and Tricks ...357**

Adding Artistic and Creative Effects	357
Smoothing skin perfectly	358
From a photo to a painting	359
Creating a sketch from a photo	360
Creating snow or rain	361
The Glass Text effect	362
Useful Tricks to Make Life Easier	362
Changing product colors in a snap	362
Deleting a plain white background	363
Making dashed and dotted lines	364
Quick and easy edge effects	364
Professional-looking contact sheets	364

Chapter 19: Ten Extras You Should Consider367

New Toys: Hardware	367
Extra Capabilities: Software	368

Chapter 20: Ten Reasons to Own a Digital Camera369

Ten Reasons You Should Shoot Pixels	369
Shooting digital for your work	369
Shooting digital for yourself	370
Shooting digital for the rest of us	371

