

Contents

Introduction xix



Chapter 1	Digital Imaging Basics	1
	Chips and Pixels	2
	Setting Up: Hardware	6
	Camera 6	
	Memory Cards 6	
	Batteries 8	
	TV Monitor 8	
	Computer 9	
	Monitor and Calibrator 10	
	Setting Up: Software	12
	Photoshop: Preferences 12	
	Bridge: Preferences and Configurations 19	



Chapter 2	Color Management, Workflow, and Calibration	25
	Basic Digital Capture Workflow	26
	Calibrating for Digital Capture	28
	Establish Lighting 30	
	Shoot to Bracket the Exposure Range 31	
	View Shots in Bridge and Zero Out Sliders 33	
	Determine the Best Exposure 35	
	Compare the ColorChecker 39	
	Adjust Calibration Sliders 41	
	Save a New Camera Default 44	
	Putting Color Management in Context	50



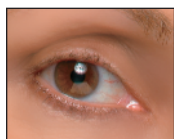
Chapter 3	Lighting and Photographing People	53
	Lighting Technology	54
	Basic Portrait Lighting	60
	Beauty Light 60	
	Rembrandt Lighting 66	
	Natural Light 70	
	On-Camera Flash 75	
	Breaking the Rules 78	
	Advanced Lighting Techniques	80
	Ring Light 80	
	Combination Lighting: Daylight Plus Flash 85	
	Controlling Natural Light 92	
	Action Stopping Lighting 99	
	Experimenting with Light	106



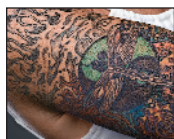
Chapter 4	The Color of Skin	109
	White Points, Black Points, and Places In-Between	110
	Zone System: Contrast and Tone	111
	Neutral Color: Using Balanced Numbers	113
	Curves: The Basic Color and Tone Tool 115	
	Contrast Control: The Basic Curve Shapes 117	
	Info Palette: Reading Basic Numbers 122	
	White/Black Point Correction	122
	Adjusting Numbers for the Color of Skin 125	
	The Family of Man: Cultural and Psychological Issues	132
	Cultural and Personal Color Bias 137	



Chapter 5	Tone and Contrast: Color and B+W	141
	Converting to B+W	142
	The Channel Mixer 143	
	Split Channels: Layer Blending	147
	Luminosity Blending	151
	Instant Tan 152	
	When Color Overwhelms: Look for the Good Channel 156	
	Hue/Saturation Toning Effects.	164
	Split-Toning 168	
	Gradient Map Colorizing 176	
	The Power of B+W	180



Chapter 6	Retouching	185
	Basic Image Repair	186
	Hue/Saturation Color Repair	197
	Beauty Retouching	202
	Figure Thinning Techniques	218
	Subtle Retouching	228
	Skin Smoothing 231	



Chapter 7	Special Effects	241
	Soft Focus	242
	Basic Diffusion Effect 242	
	Screen Diffusion 246	
	Overlay Diffusion 254	
	Linear Light Diffusion 257	
	Depth of Field Effects 260	
	Lens Tilt Effect 274	
	Film Grain and Mezzotint.	283
	Cross-Processing	294
	Tattoos	306
	Faking Tattoos 317	



Chapter 8 Preparing for Print 323

Sharpening 324
 Unsharp Mask 324
 Smart Sharpen 328
 Multiple Sharpening Layers 333
 Octave Sharpening 335
 Overlay Sharpening and High-Radius Effects 346
Color Management for Print..... 357
 Profiles and Look-Up Tables 357
Soft Proofing..... 359
Desktop Printing..... 361
 Output Simulations 364
Creative Print Finishing..... 365
 Last Minute Fixes 374



Chapter 9 Parting Shots 383

Digital Photo Workflow 384
Companion CD Contents 385
 Chapter 2 386
 Chapter 3 386
 Chapter 4 386
 Chapter 5 386
 Chapter 6 386
 Chapter 7 387
 Chapter 8 387
Future Developments..... 387
Index 391