



Mark Galer
Philip Andrews

Photoshop CS



essential skills

companion website
www.photoshopessentialskills.com



Contents

Introduction	x
Acquisition of skills	x
Application of skills	x
A structured learning approach	xi
The skills	xi
Web site	xi
Research and resources	xi
Essential information	xii
The Digital Darkroom	
Digital setup	2
Monitor settings	3
Desktop alias or shortcut	5
Managing your photos	6
Getting started with Photoshop	7
Settings and preferences	10
Opening images	12
Navigation and viewing modes	13
Rulers and guides	17
Storage for digital photographs	18
Keyboard shortcuts	20
Mouse or graphics tablet?	22
Mac or PC?	22
Digital Basics	25
Introduction	26
File size	27
Modes and channels	28
Bit depth	29
Hue, saturation and brightness	30
Color and light	31
Color perception	32
File formats	34
Lossy and lossless compression	37
Resolution	40
Capture, image and output resolutions	41
Calculating file size and scanning resolution	43
Image size	45
Resampling	46

foundation module >>

Capture and Enhance	51
Introduction	52
Image capture	52
Image adjustment	54
Correcting a weak histogram	56
Image size	57
Optimizing quality	59
Save	61
Capturing in RAW	63
Digital Printing	67
Printing to an inkjet printer	68
Monitor calibration and working color space	69
RGB and CMYK	70
Profiles	70
Preflight checklist	71
Soft proofing	72
Print preview	73
Printer settings	74
Output levels	74
Creating a 'ringaround'	75
Analysis of the test print	76
Creating a 'preview master'	77
Printing overview	77
Printing using a professional laboratory	78
Printing monochromes	80

advanced skills >>

Layers and Channels	83
Introduction	84
Layers overview	85
Layer types	89
Channels	92
Adjustment layers	94
Layer masks	95
Working with layers and masks	96
 Layer Blends	 107
Introduction	108
The 'Darken' group	110
The 'Lighten' group	112
The 'Overlay' group	114
Blend modes for tinting and toning	116
Luminosity	118
Difference and Exclusion	119
Creating a simple blend	120
Advanced blending techniques	123
 Selections	 129
Introduction	130
Selection tools overview	130
Modifying your selections	132
Saving and loading selections	134
Feather and anti-alias	135
Defringe and Matting	136
The 'Magic Wand'	137
Quick Mask	139
Color Range	141
Channel masking	143
Extract filter	145

Advanced Retouching	165
Introduction	166
16-bit image editing	167
Target values – using the eyedroppers	169
Controlling tones using the Shadow/Highlight feature	170
Dust and scratches	172
The History Brush technique	174
Correcting perspective	175
Capturing high contrast scenes	196
 Special Effects	 201
Layer comps	202
Gradient maps	209
Cast shadows	216
Posterization	220
Cross process effect	225
Lith printing – the digital way	227
Digital Diffusion	230
Split toning	236
Selective toning	238
Creating digital depth of field effects	241
Lens Blur DOF effects	244
Digital Polaroid transfer effect	246
 Filters	 251
Filtering in Photoshop	252
New for Photoshop CS – The Filter Gallery	253
Fade Filter command	254
Improving filter performance	254
Installing and using third party filters	255
Filtering a shape or text (vector) layer	255
Filters 101	255
Filter DIY	265

graphics, web & workflow >>

Graphics	269
Introduction	270
Working with typography	270
Vector graphics	275
Creating a simple vector logo	277
Layer styles	281
Creating an animated graphic for the web	284
Combined use of filters and styles	287
 Images for the Web	 293
Introduction	294
ImageReady	295
Image resolution and the web	296
Web page construction	301
Slice the image canvas	304
Save for Web command	305
Creating the rollovers	306
Preview and save web pages	307

Automated Features	309
Customizing your frequently used commands	310
Keyboard shortcuts	310
Actions	311
Editing an action	313
Actions and Batch commands	314
Contact Sheet	315
Picture Package	316
Photomerge	317
PDF presentation	318
Web Photo Gallery	319
Glossary	327
Keyboard shortcuts	337
Web links	339