Contents

	Introduction	xix	
0	Getting Started with Photoshop CS6	1	
	Installing Photoshop	2	New!
	Starting Photoshop	4	
	Viewing the Photoshop Window	6	New!
	Showing and Hiding Panels	7	
	Working with Panels	8	
	Working with Photoshop Tools	10	New!
	Creating a New Document	12	
	Selecting Color Modes and Resolution	13	
	Creating a New Document Using Presets	14	
	Working with Non-Square Pixels	15	
	Opening Images	16	
	Inserting Images in a Document	17	
	Importing Raw Data from a Digital Camera	18	New!
	Working with Smart Objects	20	
	Changing Image Size and Resolution	22	New!
	Checking for Updates and Patches	24	New!
	Getting Help While You Work	26	
	Saving a Document	28	New!
	Using the Status Bar	30	New!
	Closing a Document	31	
	Finishing Up	32	
	Changing the View Size with the Navigator Panel	34	New!
	Changing the View Area with the Navigator Panel	35	
	Changing the Color of the Navigator Panel View Box	36	
	Changing the Screen Display Mode	37	New!
	Changing the View with the Zoom Tool	38	New!
	Increasing or Decreasing Magnification	40	

	Moving Images in the Document Window	41	
	Working with Multiple Documents	42	
	Working with One Image in Multiple Windows	43	
	Moving Layers Between Documents	44	
	Creating Notes	45	
	Working with the Info Panel	46	New!
	Changing How the Info Panel Measures Color	47	
	Working with Rulers	48	
	Creating Tool Presets	50	
45	Ecceptanicing the Way You Work	4, 1	
	Optimizing Photoshop	52	
	Setting General Preferences		New!
	Setting File Handling Preferences		New!
	Setting Interface Preferences		New!
	Setting Cursors Preferences	60	recer.
	Controlling Transparency & Gamut Preferences	61	
	Working with Units & Rulers	62	
	Working with Guides, Grid & Slices	64	
	Setting Plug-Ins Preferences		New!
	Selecting Scratch Disks	67	
	Allocating Memory & Image Cache		New!
	Setting Type Preferences		New!
	Managing Libraries with the Preset Manager	71	
	Using and Customizing Workspaces		New!
	Building Specialized Workspaces		New!
	Creating a Customized User Interface	75	
	Defining Shortcut Keys	76	
	Mastering the Art of Selection	17	
and different	Using the Rectangular MarqueeTool		New!
	Using the Elliptical Marquee Tool		New!
	Using the Single Row and Single Column Marquee Tools		New!
	Using the Lasso Marquee Tool		New!
	Using the Magnetic Lasso Tool		New!
	Using the Polygonal Lasso Tool		New!
	Using the Quick Selection Tool	85	ITCVV.
	Using the Magic Wand Tool		New!
	Selecting by Color Range		New!
	Refining a Selection Edge		New!
	Modifying an Existing Selection	90	. 46 44 :
	mountying an Existing objection	~ ~	

	Working with an Existing Selection	92	New!
	Copying and Pasting a Selection	93	
	Using Channels to Create and Store Selections	94	
	Using Free Transform and Transform	96	
	Using the Crop Tool	98	New!
	Using the Perspective CropTool	100	New!
	Using Content-Aware Scaling	101	
	Using Content-Aware Fill	102	
	Using Content-Aware Patch	104	New!
	Using Content-Aware Move and Extend	105	New!
	Using the Puppet Warp	106	
6	Working with Layers	107	
	Understanding the Layers Panel	108	New!
	Defining Layer Designations and Attributes	109	New!
	Creating a New Layer	110	
	Selecting Layers	112	New!
	Creating a Layer Group	113	New!
	Creating a Selection from a Layer	114	
	Creating a Layer from a Selection	115	
	Converting a Background into a Layer	116	
	Controlling Image Information Using the Layers Panel	118	New
	Filtering Layers in the Layers Panel	119	New!
	Using Merge Layer Options	120	
	Linking and Unlinking Layers	121	
	Aligning and Combining Layers	122	
	Working with Layer Blending Modes	124	New!
	Setting Layer Opacity	125	New!
	Duplicating a Layer	126	
	Deleting Layers	127	
	Moving Layers Between Documents	128	
	Working with the Layer Comps Panel	129	
	Exporting Layers as Files	130	
	Setting Layers Panel Options	131	
	Using Smart Guides to Align Layers	132	New!
	Setting History Panel Options	134	
	Working with Linear and Non-Linear History	136	
	Controlling the Creative Process with Snapshots	138	
	Dunlicating a History State in Another Document	139	

Saving the History State of a Document	140
Reviewing the History State Text File	141
Combining the History Brush with a History State	142
Using the Art History Brush	144
Changing the Eraser Tool into the History Brush	145
Controlling History States	146 New !
Creating an Adjustment Layer	148 New !
Modifying an Adjustment Layer	149 New !
Merging Adjustment Layers	150
Creating a Temporary Composite Image	151
Controlling Adjustment Layers with Clipping Groups	152 New!
Deleting an Adjustment Layer	153
Using Blending Modes and Opacity with Layers	154 New !
Using Masks with Adjustment Layers	156
Creating Masks with Selections	157
Using the Add Noise Filter	158
Using the Reduce Noise Filter	159
Keeping Proper Perspective with Vanishing Point	160
Working with the Lens Correction Filter	162
Using the Box, Surface, and Shape Blur Filters	164
Using the Gaussian Blur and Despeckle Filters	166
Using the Unsharp Mask Filter	167
Using the Smart Sharpen Filter	168
Using Sharpen, Blur and Smudge Tools	170
Using the Clone Stamp Tool	171
Setting Up Multiple Clone Sources	172
Using the Dodge and Burn Tools	173
Using the Healing Brush and Patch Tools	174
Working with the Spot Healing Brush	176
Working with the Red Eye Tool	177
Controlling Tonal Range	178 New!
Working with the Histogram Panel	180
Understanding Colors and Channels	181
Working with 8-, 16-, and 32-Bit Images	182
Working with the Channels Panel	184
Working with Color Modes	185
Understanding the RGB Color Mode	186
Understanding the CMYK Color Mode	187

Understanding the Grayscale Color Mode	188	
Understanding the Bitmap Color Mode	189	
Understanding the Indexed Color Mode	190	
Understanding the Lab Color Mode	192	
Understanding the Duotone Color Mode	193	
Using the Multichannel Color Mode	194	
Using the Replace Color Adjustment	195	
Working with the Color Panel	196	
Working with the Swatches Panel	198	
Using the Stroke and Fill Commands	200	New!
Creating Spot Color Channels	202	
Using the Auto Contrast and Auto Color Commands	203	
Using Levels Adjustment Commands	204	New!
Using the Exposure Adjustment	205	
Using Curves and Color Adjustments	206	New!
Adjusting Hue and Saturation	208	
Adjusting Vibrance	209	
Using the Selective Color Adjustment	210	
Using the Channel Mixer Adjustment	211	
Using the Gradient Map Adjustment	212	
Using the Photo Filter Adjustment	213	
Using the Invert and Equalize Commands	214	
Using the Threshold and Posterize Adjustments	215	
Using the HDR Toning Adjustment	216	
Using the Shadows/Highlights Adjustment	218	
Using the Black & White Adjustment	219	
Using the Match Color Adjustment	220	
Using the Paint, Shape Drawing, and Eraser Tools	221	
Selecting Foreground and Background Colors	222	New!
Using the Brush and Brush Presets Panel	224	New!
Modifying the Brush Presets Panel	225	
Selecting Brush Tip Sets	226	
Adjusting Brush Tips	227	New!
Adjusting Bristle Brush Tips	228	
Creating Customized Brush Tips	229	
Saving Customized Brush Tips	230	
Working with the Brush and Airbrush Tools	231	
Working with the Mixer Brush Tool	232	
Working with the Pencil Tool	233	
Working with Auto Erase	234	

Working with the Line Tool	235	New!
Working with the Shape Tool	236	New!
Working with the Custom Shape Tool	237	
Working with Shape Layers	238	New!
Arranging Shape Layers	240	New!
Creating a Custom Shape	241	
Saving Custom Shape Sets	242	
Using the Paint Bucket Tool	243	
Working with the Eraser Tools	244	
Working with the Magic Eraser Tool	246	
Creating and Applying Gradients	247	
Creating and Saving Customized Gradients	248	
Using the Color Replacement Tool	250	
Understanding Layer and Vector Masks	252	
Creating a Layer Mask	253	
Using Paint Tools with Layer Masks	254	
Using Selections to Generate Complex Layer Masks	255	
Using Layer Masks to Generate Soft Transparency	256	
Creating Unique Layer Mask Effects	257	
Creating a Vector Mask	258	
Modifying Layer and Vector Masks	259	
Creating Channel Masks	260	
Creating Channel Masks from Scratch	261	
Modifying Channel Mask Options	262	
Creating Channel Masks from Selections	263	
Making Channel Masks from Native Color Channels	264	
Loading Channel Masks from Selections	266	
Moving Channel Masks Between Documents	268	
Combining Channel Masks	269	
Using the Quick Mask Mode	270	
Working with Quick Mask Options	271	
Modifying Selections with Quick Mask Mode	272	
Using the Paths Panel	273	
Understanding Vector and Raster Images	274	
Converting a Selection into a Path	275	
Working with Pen Tools	276	
Creating Paths Using the Freeform Pen Tool	278	
Using the Magnetic Option with the Freeform Pen Tool	279	

	Adding and Deleting Anchor Points	280	
	Modifying Anchor Points	282	
	Modifying Existing Direction Lines	284	
	Converting Straight Points and Curved Points	285	
	Working with Clipping Paths	286	
	Filling an Area of an Image Using Paths	288	New!
	Stroking an Area of an Image Using Paths	289	
	Creating Shapes as Paths	290	
	Exporting Paths to Adobe Illustrator	291	
	Exporting Paths Using the Export Method	292	
	Werking with Layer Styles	2222	
	Understanding Layer Styles	294	
	Adding a Layer Style	295	New!
	Creating and Modifying a Drop Shadow	296	
	Working with Bevel and Emboss	298	
	Working with Contour and Texture	300	
	Applying a Color Overlay	302	
	Using the Stroke Layer Style	303	
	Using Pattern Overlays	304	
	Working with Outer Glow and Inner Shadow	306	
	Applying an Inner Glow Style	308	
	Creating Customized Layer Styles	310	
	Creating Customized Styles Using the Styles Panel	312	
	Moving Existing Layer Styles	314	
(D)	Getting Creative with Type	315	
	Using Standard Type Tools	316	New!
	Working with Type Options	318	New!
	Working with the Character Panel	320	New!
	Working with the Paragraph Panel	322	New!
	Setting Anti-aliasing Options	323	New!
	Using the Warp Text Option	324	New!
	Working with Text Styles	326	New!
	Using Spell Check	328	
	Finding and Replacing Text	329	New!
	Using the Rasterize Type Command	330	New!
	Creating Work Paths and Shapes from Type Layers	331	New!
	Creating Shape Layers	332	New!
	Creating a Type Mask	333	
	Isolating Image Pixels Using a Type Mask	334	

Creating Chiseled Type with a Type Mask	336	New!
Using Masks to Generate Special Effects	338	
Creating and Modifying Text on a Path	340	
Working with the Filter Gallery	342	New!
Creating and Working with Smart Filters	344	
Applying Multiple Filters to an Image	345	
Modifying Images with Liquify	346	New!
Working with Liquify Tool Options	348	New!
Working with Liquify Mask Options	350	New!
Working with Liquify View Options	351	New!
Creating a Liquify Mesh	352	New!
Applying a Liquify Mesh	353	New!
Using the Adaptive Wide Angle Filter	354	New!
Using the Oil Paint Filter	356	New
Using the Lighting Effects Filter	357	New
Using the Blur Filter Gallery	358	New!
Using the Lens Blur Filter	360	
Working with Photo Filters	362	
Blending Modes and Filter Effects	363	
Building Custom Patterns	364	
Applying a Fade Effect	366	
Controlling Filters Using Selections	367	
Using a Channel Mask to Control Filter Effects	368	
Protecting Images with Watermarks	370	
Viewing Various Filter Effects	372	
en as that Miggain Charles the second of the asset of the control		



Examining the Actions Panel	376	New!
Building a New Action	378	
Recording an Action	379	New
Adding a Stop to an Action	380	
Controlling the Playback of a Command	381	
Adding a Command to an Action	382	
Deleting a Command from an Action	383	
Working with Modal Controls in an Action	384	
Changing the Order of Commands in an Action	385	
Copying an Action	386	
Running an Action Inside an Action	387	
Saving Actions into Sets	388	

	Saving Actions as Files	389	
	Moving and Copying Actions Between Sets	390	
	Inserting a Non-Recordable Command into an Action	391	
	Using Enhanced Scripting	392	
	Enhancing the Process with Droplets	394	
	Using a Droplet	396	
	Setting Document Print Options	398	New!
	Setting Print Output Options	400	
	Setting Print Color Management Options	402	
	Printing a Document in Macintosh	404	
	Printing a Document in Windows	406	
	Changing Printer Settings	407	
	Printing One Copy	408	
	Understanding File Formats	409	New
	Saving a Document with a Different File Format	410	
	Inserting File Information into a Document	412	
	Understanding File Compression	414	
	Preparing Clip Art for the Web	416	
	Preparing a Photograph for the Web	418	New
	Preparing an Image for the Press	420	
	Preparing an Image for an Inkjet or Laser Printer	422	
	Understanding Monitor, Image, and Device Resolution	424	
(D)	Working with Automate Commands	425	
	Working with Batch File Processing	426	
	Working with Conditional Mode Change	428	
	Cropping and Straightening Photos	429	
	Converting a Multi-Page PDF to PSD	430	
	Creating a PDF Document	432	
	Creating a Contact Sheet	434	New!
	Creating Panoramic Images	436	New!
	Processing Lens Correction	438	
	Merging Images to HDR Pro	440	
	Processing Multiple Image Files	442	
	Adjusting an Image Fit Size	444	
	Producing Consistent Color	446	
	Calibrating Using Hardware and Software	447	

Setting Up Soft-Proof Colors	448	
Changing from Additive (RGB) to Subtractive (CMYK)	450	
Working with Rendering Intents	451	
Printing a Hard Proof	452	New!
Working with Color Management	454	New!
Embedding ICC Color Profiles	456	
Assigning a Different Profile to a Document	457	
Converting Document Colors to Another Profile	458	
Using Hue/Saturation for Out-Of-Gamut Colors	460	
Using the Sponge Tool for Out-Of-Gamut Colors	462	
Working with the Out-Of-Gamut Warning	464	
** Proviging for the Web and Sevener	4/15	
Saving for the Web	466	
Working with Save for Web Options	468	
Optimizing an Image to File Size	469	
Working with Web File Formats	470	
Optimizing a JPEG Document	472	
Optimizing a GIF Document	474	
Optimizing a PNG-8 Document	476	
Optimizing a PNG-24 Document	478	
Optimizing a WBMP Document	479	
Slicing Images the Easy Way	480	
Working with Slices	482	
Arranging Slices	484	
Saving a Sliced Image for the Web	486	
Adding HTMLText or an URL Link to a Slice	488	
Defining and Editing Web Data Variables	490	
Exporting an Image to Zoomify	492	
Working with Video	493	
Opening Video Files and Image Sequences	494	New!
Creating a Video Layer	495	New!
Modifying a Video Layer	496	New!
Creating a Video Group	498	New!
Adding Text to a Video Layer	499	New!
Splitting a Video Layer	500	New!
Cloning Video Layer Content	501	
Adding a Transition to a Video Layer	502	New!
Adding Audio to a Video Layer	503	New!
Creating an Animation	504	New!

Working with Animation	506 New!
Exporting Directly to Video	508 New!
Creating an Image from a Video	510 New!
Extending Photoshop	511
Counting Objects in an Image	512
Taking Measurements in an Image	514
Setting 3D Preferences	516 New!
Creating 3D Models	518 New!
Creating 3D Models Using Preset Shapes	520 New!
Viewing the 3D Workspace	521 New!
Modifying 3D Models	522 New!
Creating 3D Text	524 New!
Adjusting Light with 3D Models	525 New!
Rendering and Saving 3D Models	526 New!
Exploring Adobe Programs	528
Exploring Adobe Bridge	529
Getting Started with Adobe Bridge	530 New!
Getting Photos from a Digital Camera	531
Working with Raw Images from a Digital Camera	532 New!
Modifying Images in Camera Raw	534 New!
Working with Images Using Adobe Bridge	536
Setting Preferences in Adobe Bridge	538 New!
Applying Image Adjustments	540
Creating a Web Photo Gallery	541
Automating Tasks in Adobe Bridge	542
Using Mini Bridge	543
Working with Adobe Media Encoder	544 New!
Working with Adobe Extension Manager	546 New!
Scripting with Adobe ExtendScriptToolkit	547 New!
New Features	5/10 Novel
Adobe Certification	549 New! 555
Adobe Certified Expert (ACE)	555 555
Adobe Certified Associate (ACA)	555 558
Index	561