

Contents

Foreword	18
Feedback	19
Legal information	20
Getting started	21
Getting to know Capture One	23
The Grand Overview	23
The image Browser in detail	26
The Viewer in detail	29
Selecting all images	30
Selecting a series of contiguous images	31
Selecting non-contiguous images	31
Deselect all images	31
Deselecting a single image	31
Invert your image Selection	31
Viewing and editing multiple images	32
The Toolbar and the Cursor Tools	33
5 Cursor Tools you should know	35
Working with Tool Tabs	37
Overview of the Tool Tabs	38
Making the Tool Tabs icons more compact	42
Going back to the old Tool Tab layout	42
Removing a Tool Tab	43
Adding Tools to Tool Tabs and removing them	43
Creating a Custom Tool Tab	45
Scrollable Tool Tabs	45
Moving Tools between Pinned and Scrollable Area	46
Taking advantage of Floating Tools	47
Getting to know tools and their icons	48
Tips for working faster with sliders	50
Using Auto Adjustments	51
Viewing the image with Before/After adjustments	52
Viewing a Before version per tool	54
Saving your own Workspace	55
Dual Screen Workspaces	55
Customizing the keyboard shortcuts	58
Search for commands or shortcuts	60
Menus and per-image vs per-document actions	64
The advantages of working non-destructive	65
Selecting the resolution of the Previews	70
Catalogs and Sessions – what to use?	72

Being in sync with the file system	73
Pros and Cons for Catalogs and Sessions	74
File management in a Catalog	75
Keeping your catalog up to date with Synchronize	76
Moving an image to a new folder	78
Deleting an image	79
Show images from subfolders	81
File management in a Session	82
Deleting an image from a Session	85
Moving an image file	86
Session file paths – relative vs absolute	88
Working on offline images	91
Storing files within a Catalog	93
Tips for opening Catalogs and Sessions	95
Having more than one Catalog or Session open	96
Importing and exporting Catalogs	97
Exporting a Catalog	97
Importing a Catalog	98
Importing a Lightroom Catalog	98
Importing a Session	100
Importing a Catalog into a Session	101
Transfer image adjustments between Catalogs	102
Adding images by Import	103
Using the options during import	106
Picking which images to import	112
Taking the import culling to the next level	113
Taking advantage of automatic grouping	113
Using the Face Focus feature	115
Using large thumbnails for fast rough culling	117
Change Capture Time during Import	124
Cloud Transfer from Capture One for iPad	127
Downloading images to Capture One from the Cloud	128
Supported file formats and cameras	129
How to check if your camera is supported	129
HEIF / HEIC support	129
Support for Apple ProRAW and iPhone Pro	130
Solid Support of DNG Raw files	131
Converting Raw files to DNG format	132
DNG exported from other software packages	133
Exporting in the DNG Format	134
Importing and working with TIFF and PSD files	134
Importing files with Photoshop layers	135

Capture images by shooting tethered	136
Getting started	137
Getting the Exposure right	138
Naming files during capture	138
Choosing the Capture Location	139
Shooting tethered with a Catalog	141
Save to memory card during tethering	143
Automatically import images from card on reconnection	144
Speed things up with Capture Adjustments	146
Adding image adjustments during capture	148
Adding Presets or Styles	148
Using the Camera tool	149
Camera Focus	150
Adjust advanced camera settings	151
Adding a Overlay	151
Using Live View during capture	152
Live View Navigator	154
Live View Controls	155
Camera Focus	155
Live View Info	155
Live View Focus Meter	155
Using the Camera Menu	157
Composition Mode	157
Wireless Tethering	158
Using the camera's build-in WiFi	160
Adding IP address manually (Phase One only)	160
Hot Folder	161
Auto Select New Capture	161
Capture Pilot	163
Connecting an iPad or iPhone to Capture One	163
Using the Capture Pilot app	164
Connect to a web browser	165
Capture One Live	166
Free online sharing for everybody	166
Start using Capture One Live	167
Using Capture One Live for the reviewer	172
Adding online comments to images	173
Reviewing the comments in Capture One	174
System Notifications on online feedback	175
Let the reviewer follow your current image edits	176
Rename files and create folders automatically with Tokens	179
Widespread advantages of tokens	180

Selecting a token	180
Tips to improve tokens	182
The most useful and powerful tokens	182
Renaming files	194
Batch Rename Image	194
Renaming files with Text and Tokens	195
Rename using Find and Replace	196
Culling and rating your images	197
Culling with Automatic Grouping	198
Using the Face Focus feature	200
Using Eye and Face focus outside the Cull Images	201
Rating the images	203
Color Tag images for favorite and rejected shots	204
Deleting the rejected images	205
Color Tags and working with other applications	206
Automatically advance to next image when rating or tagging	207
Comparing images for rating	208
Choosing your hero shot with Compare Variant	210
Organize by using Albums	214
Flexible Album and Variant System	214
Creating an Album	215
Adding images to an Album	216
Populating an Album with Selects Collection	217
Removing images from an Album	218
Getting Smart with Smart Albums	218
Editing a Smart Album	220
Keeping Albums organized with Group and Projects	221
Using Projects vs Groups	222
Organize by using folders	224
Working with folders in a Catalog	225
Moving files in a Catalog	226
Keeping the folder content up to date	226
Working with folders in a Session	227
Moving files within a Session	227
Changing the Capture, Selects, Output or Trash folder	229
Taking advantage of subfolders in a Capture Session	229
Use Favorites in a Session	230
Working with Variants of the same image	232
Creating new Variants	232
Organizing Variants of the same file	233
Selecting by Variant position	234
Collapsing or expanding a stack	234

Stacking compared to Lightroom	234
Finding the right images with Filters tool	235
Adding more criteria to filter from	236
Hide and show file types to filter	238
Select by Rating, Color Tag or filenames	239
Select By Rating	239
Select By Color Tag	239
Select By Filename List	240
Selecting by same attribute	240
Adding custom keyboard shortcuts	241
Finding images with Advanced Search	242
Be aware of Global Filters	245
Search retained per collection	245
Saving a Search Preset	246
Create Albums with search results	246
Even more Advanced Search	247
Working with Keywords	249
Adding keywords	249
Copying keywords	250
Renaming keywords	251
Deleting keywords	252
Saving and reusing as Preset	252
Faster workflow with Keyword Library	253
Applying a Keyword with the Keyword Library tool	253
Creating a Keyword with the Keyword Library tool	254
Working with Keyword lists	254
Exporting a Keyword List	255
Creating a keyword list outside Capture One	256
Controlling which Keywords gets exported with an image	256
Adding and using Metadata	257
Change the Capture Time	257
Changing Capture Time on multiple images	258
Using Exif data	258
GPS location data	259
Adding IPTC metadata	259
IPTC Contact	260
IPTC Content and IPTC Image	260
IPTC Status	261
Save Metadata tags as a Preset	261
Copy and reuse Metadata	262
Metadata or keywords?	263
Keeping track of changing metadata	263

Removing metadata during export	265
Make notes with Annotations tool	266
Adding an Annotation	266
Removing an Annotation	267
Displaying annotations	267
Add Annotations to exported images	268
Keeping track of Annotated images	269
Power User Tip: Adding text to the Annotations	269
Copy and reuse Annotations	270
Image Editing Preface	271
Getting the colors and contrast right with Base Characteristics	273
ProStandard camera profiles	274
Nikon Profiles	275
Phase One Profiles	275
Colors and the ICC Profile	276
Saving as a Preset for reuse	277
Adjusting contrast with Curve	278
Taking advantage of the Linear Response Curve	278
Save your changes as defaults	279
Fujifilm Film Simulations	280
Using a custom ICC Profile with Fujifilm	281
Upgrading to a new Processing Engine	282
Processing Engine 6 and 7 no longer supported	283
Changing to an older Processing Engine	283
Getting the White Balance right	285
Adjusting color temperature	286
Using the Pick White Balance cursor tool	286
Using the Kelvin and Tint slider	288
Adjusting white balance automatically	288
Copy White Balance adjustment to other images	289
Saving as a Preset	289
Handling more than one light source	290
Making Localized Adjustments on a Layer	291
Creative uses of white balance	292
Correct vs pleasing white balance	292
Making basic adjustments with Exposure	294
Getting the exposure right	294
Using the Histogram	294
Using Exposure Warning	295
Using Color Readouts to check exposure	297
Adding Contrast	297
Adjusting Brightness	298

Adding Saturation	299
Adjusting Exposure, Contrast and Brightness automatically	299
Saving as a Preset	300
Copy and reuse an adjustment	301
Making Localized Adjustments on a Layer	301
Using Dodge and Burn	302
Stacking the saturation effect	302
Optimizing the contrast with Levels	303
Setting the black and white point manually	304
Setting the black and white point automatically	304
Setting the Auto Levels Clipping Thresholds	305
Setting the black and white point from the image	306
Adjusting the midtones with the Levels tool	306
Setting output targets	307
Changing Channel Mode for scanned images	308
Using Levels to play with color	309
Saving as a Preset	310
Copy and reuse an adjustment	311
Making Localized Adjustments on a Layer	311
Recovering details and adding contrast with High Dynamic Range	313
Recovering details	314
Light balancing tips	314
Increasing contrast	315
Levels and Black and White Point	315
Getting help from Exposure Warning	316
Coming from Lightroom	316
Adjusting Highlight and Shadow automatically	317
Saving as a Preset	317
Copy and reuse an adjustment	318
Making Localized Adjustments on a Layer	318
Getting the perfect contrast with the Curve tool	320
Using RGB and Luma curves	321
Adjusting and adding a curve point	322
Deleting a curve point	323
Making precise adjustments	323
Setting the black and white point	324
Creative color adjustments	325
Saving as a Preset	327
Copy and reuse an adjustment	327
Superior Dodge and Burn	328
Removing color cast locally	328
Using Curves and Linear Response	329

Adding punch and micro-contrast with the Clarity tool	330
Choosing the right method	331
Copy and reuse an adjustment	332
Making Localized Adjustments on a Layer	333
Eliminate haze, smog or mist with Dehaze	335
Re-balancing Contrast after Dehaze	336
Taking advantage of Layers & Masks	337
Using Negative Dehaze	338
Creating Dehaze as a Style	338
Copy and reuse an adjustment	339
Four tips for using Dehaze	340
Improving colors with the Color Editor tool	341
Working with the Basic tab	341
Adjusting the Colors directly on the image	343
Coming from Lightroom	344
Advanced Tab introduction	345
Selecting the color range	345
Tweaking the color range selection	346
Inverting the color selection	347
Selecting all colors	348
Making the color adjustments	349
Working with Skin Tone	351
Selecting the color	351
Tweaking the color range selection	352
Making color adjustments	353
Increasing color uniformity	354
Save a color selection as mask	355
Save color adjustments as ICC Profile	356
Saving color adjustments as a Preset	357
Copy and reuse an adjustment	358
Making Localized Adjustments on a Layer	359
Creative color styles with Color Balance	361
Adding a color tint	362
Adding contrast to your style	362
Using a Built-In Preset as inspiration	363
Copy and reuse an adjustment	363
Resetting adjustments	364
Tips for Color Balance adjustments	364
Working efficiently with the Color Balance tool	365
Making Localized Adjustments on a Layer	365
Converting to grayscale with Black & White	367
Creating a Split Tones look	368

Using Color Balance for Tri-Tone styles	368
Using a Built-In Preset as inspiration	369
Copy and reuse an adjustment	370
Tips for improving black and white adjustments	370
Adding photorealistic grain with Film Grain	372
Using a Built-In Preset	373
Copy and reuse an adjustment	373
Alternative uses for Film Grain	373
Adjusting film grain for output and print	374
Adding a border shadow with Vignetting	375
Saving as a Preset	376
Copy and reuse an adjustment	376
Using a Radial Gradient Mask to create a vignetting	377
Align color and brightness across multiple images with Normalize	378
Selecting a color target	378
Applying a normalization target	379
Resetting a normalize adjustment	379
Entering a target value manually	379
No copy adjustments	380
Saving and reusing a Preset	381
Using Normalize with Layers & Masks	381
Fixing lens flaws with Lens Correction	383
Removing Chromatic Aberration	384
Correcting distortion	385
Correcting soft corners	387
Correcting Vignetting & Light Falloff	387
Adding Diffraction Correction	388
Hide Distorted Areas	389
Accounting for a Shift lens	390
Using a generic profile	390
Disable Lens Corrections by default	390
Copy and reuse an adjustment	391
Getting the composition right with Crop	392
Readjusting a crop	393
Setting a specific crop size	394
Changing the Aspect Ratio of the crop	395
Crop and Aspect Ratio Behavior	395
Custom shortcuts for Aspect Ratios	397
Adding a custom Aspect Ratio	398
Removing a crop	398
Copy and reuse a crop adjustment	398
Changing the mask opacity	400

Lens Distortion and auto-cropping	401
Working with a Grid	403
Working with Grid and Guides	404
Adding and Working with Guides	406
Getting the angle right with Rotation & Flip	407
Automatic Image Rotation	407
Flipping the image	409
Resetting the adjustment	410
Copy and reuse an adjustment	410
Getting the perspective right with Keystone	411
Automatic Keystone corrections	411
Using the Keystone feature manually	413
Fine-tuning the correction	414
Readjusting the crop	415
Focal length metadata is crucial	415
Assign a keyboard shortcut for Auto Keystone	416
Automatic Corrections with Camera Keystone data	416
Copy and reuse an adjustment	417
Save Keystone settings as a Preset	417
Optimize the details with Sharpening	418
3-step sharpening workflow	418
Sharpening is adding contrast	419
Getting to know the Sharpening tool	419
How to obtain the optimal sharpness level	422
Using the Focus tool	422
Copy and reuse an adjustment	425
Save your changes as defaults	425
Additional lens-based sharpening	425
Improving sharpness with Structure	426
Making Localized Adjustments on a Layer	427
Output Sharpening during export	428
Removing noise with Noise Reduction	429
Removing hot pixels with Single Pixel	431
Saving as a Preset	432
Copy and reuse an adjustment	432
Save your changes as defaults	433
Making Localized Adjustments on a Layer	433
Removing purple fringing	435
Saving as a Preset	435
Copy and reuse an adjustment	435
Making Localized Adjustments on a Layer	435
Removing moiré	436

Saving as a Preset	438
Copy and reuse an adjustment	438
Correct lens cast with the LCC tool	439
Capturing a reference LCC image	439
Creating an LCC profile	440
Applying an LCC profile	442
Adjusting the LCC profile effect	442
Removing an LCC profile	442
Applying multiple LCCs in a batch	443
Using Presets to speed up the LCC workflow	444
Saving the LCC profile as a Preset	444
Applying the LCC profile as a Preset	445
Copying and reusing lens metadata	446
Copy and reuse an adjustment	446
Changing the defaults	447
Eliminating sensor dust with the Dust Removal tool	448
Using Remove Spot or Heal?	450
Copy and reuse dust removal	450
Making local adjustments with the Layers & Masks tool	452
Layers & Masks tool Visual Overview	453
Renaming or deleting a Layer	453
Creating a new layer with Style Brushes	454
Creating a new layer manually	454
Creating a mask	456
Adjust the brush settings on the fly	457
Remembering Brush Settings for each layer	458
Showing and hiding the mask	459
Displaying the mask in Grayscale	460
Erasing a part of the mask	461
Erasing the whole mask	462
Additional brush options	462
Create automatic Subject Masks by using AI	463
Letting the AI create an automatic Subject Mask	463
Creating an AI mask by choosing the subject	464
Tips for selecting tricky details with AI Masking	465
Things to be aware of with AI Masking	466
Using AI Eraser to remove areas from the mask	467
Using Magic Brush to mask similar colors	468
Tips when working with the Magic Brush	470
Using Magic Eraser to delete mask areas with similar colors	471
Using the Auto Mask feature	472
Using Fill Mask	473

Creating a Linear Gradient Mask	474
Creating a Radial Gradient Mask	475
Using a Brush on a Linear or Radial Gradient Mask	477
Feathering a mask	478
Using Refine Mask to improve the mask	480
Adjusting the Opacity of a Layer	481
Understanding Luma Range Masking	482
Working with Luma Range Masking	483
Tips for working with Luma Masking	484
Using a color selection to create an automatic mask	486
Reusing a mask in another Layer	487
Duplicate a layer with both adjustments and the mask	488
Reposition a mask after the fact	489
Changing the Mask overlay color	489
Using Heal and Clone to repair images	490
Moving the source point arrow	491
Extending and adding to a mask area	492
Delete parts of a mask area	492
Show and Hide Arrows	493
Should you use Heal or Clone?	493
Notable Heal and Clone changes from old versions	495
Making a local image adjustment	496
Moving Image Adjustments from Background to New Layer	496
Stacking image adjustments	498
Work faster with keyboard shortcuts	498
Copy and reusing Layer adjustments	499
Copying Layers without their masks	500
Introduction to Style Brushes	501
Creating your own Custom Style Brush	503
Working with Layers in Styles	504
Creating a Style with layers	504
Adding a Style with Layers	505
Creating Custom Styles that includes AI Masking	506
Mixing Layer Styles with normal Layers	507
Removing a Style with Layers	507
Copying a Style with Layers	508
Adding Presets or Styles to a single Layer	509
Saving Layer Adjustments as a Style without the layer itself	511
Saving and reusing adjustments with Styles and Presets	513
Applying Styles and Presets	514
Using Stacked Styles or Presets	515
Adding a Layer Style	516

Adding Presets or Styles to a single Layer	517
Creating a Preset	518
Creating a Style	519
Creating a Style with layers	520
Adding Custom Shortcuts for Styles	522
Removing and deleting a Style or Preset	523
Copying styles to other images	525
Importing and exporting Styles	526
Applying Styles and Presets during import	527
Applying Styles and Presets during tethered shooting	527
Creating a Style Pack for easy sharing	528
Adding a Styles and Presets menu to the Toolbar	528
Work Smart with Smart Adjustments	529
Creating a Smart Adjustment	529
Applying the Smart Adjustment	530
Using Smart Adjustments without faces	531
Saving a Smart Adjustment as Style	532
Even Smarter Workflow	533
Copying edits with the Adjustments Clipboard	534
Selecting the source and the target images	534
Copying adjustments per tool	535
Copying multiple image adjustments	536
Copying Layers	538
Copying Smart Adjustments	539
Working faster with the Adjustments Clipboard tool	539
Work faster with shortcuts and cursor tools	542
Faster image adjustments with Speed Edit	544
Using Speed Edit vs Copy/Apply	546
Working on Layers	546
Customizing the Hotkeys	547
Changing the Sensitivity	548
Using Undo with Speed Edit	548
Creating HDR merged images	550
Primer on Dynamic Range and HDR	550
Creating the HDR image	551
Notes on Image adjustments	552
Getting the best Tone Mapping	552
Best practice for shooting images for HDR	554
Creating Panorama Images	555
Working with image adjustments on the panorama file	558
Best practice for shooting images for Panorama	558
Exporting images	559

Selecting and creating a Export Recipe	562
Choosing the export location	564
Changing the Default output folder	565
Overriding the default target folder	565
Saving the exported images together with the source images	565
Adding subfolders with powerful tokens	566
Saving and reusing a Folder Preset	568
Overwriting or keeping older versions of the exported images	568
Creating global subfolders for all Export Recipes	570
Renaming files during export	572
Using global/shared naming for all Export Recipes	575
Selecting file format and resolution	577
Perfecting JPEG compression	578
Selecting the right ICC Profile color space	579
Exporting in CMYK format	580
Adjusting the output resolution	580
Selecting specific image dimensions for output	580
Opening the exported images automatically	583
Controlling the image crop for export	584
Applying output sharpening during export	585
Getting the output sharpening perfect with Recipe Proofing	586
Adding a Watermark during export	587
Controlling the exported metadata	589
Adding Annotations during export	590
Adding Overlay during export	591
Export Notifications and opening the export target folder	592
Pause (and resume) the export process with Export Queue	593
Notable Export changes for experienced users	595
Exporting original images	597
Pack files as EIP	598
Open and Edit files in external applications	599
Edit files in other applications	599
Selecting the file format	600
Selecting an ICC Profile/color space	601
Adjusting output resolution	602
Adding output sharpening	603
Adding Metadata and Annotations	604
Working with Edit-plugins	605
Editing workflow in another application	605
Working with Photoshop layers in a file	606
Open files in other applications	606
File formats that Capture One accepts	607

Excluding apps from the Edit With and Open With sub-menus	608
Working with Plugins	609
Getting more Plugins	609
Install a plugin	610
Change Plugin Settings	611
How to publish an image	612
Printing directly from Capture One	614
Setting resolution	615
Letting the printer or Capture One manage the colors	616
Rendering intent	619
Selecting units and showing guides	620
Selecting and saving a print Template	621
Adjusting the print margins	621
Adjusting the print layout	622
Image settings	623
Adding a Caption to the print	624
Adding a Watermark to the printed image	624
Tip: Change Viewer background to white	626
Simulate the correct colors with Proof Profile	627
Working with multiple profiles	627
Viewing your images as a Slide Show	628
Making a Contact Sheet for Web	630
Selecting a Contact Sheet Theme	630
Adding Title, Description, and Copyright	631
Adding a caption to the images	631
Setting image size and quality	632
Exporting the Contact Sheet for Web	632
Putting it on a website	632
Appendix	634
Backup your catalog and session data	635
Making backup of a Catalog	635
Catalog difference between Mac and Windows	638
Making backup of a Session	639
Excluding preview files from backup	640
Backup of Presets, Styles, Workspaces etc.	641
A solid backup plan	641
Recovering the database after an upgrade	643
How to reset the Preferences	645
Capture One Histograms	647
Simulate the correct colors with Proof Profile	650
Selecting a Proof Profile	651
Gamut warning	652

Working with multiple profiles	653
Using Recipe Proofing for previewing the image export	654
Reviewing colors with Lab Readout	656
Faster Image Editing with Keyboard Shortcuts	658
Getting Support	661
Feedback	661