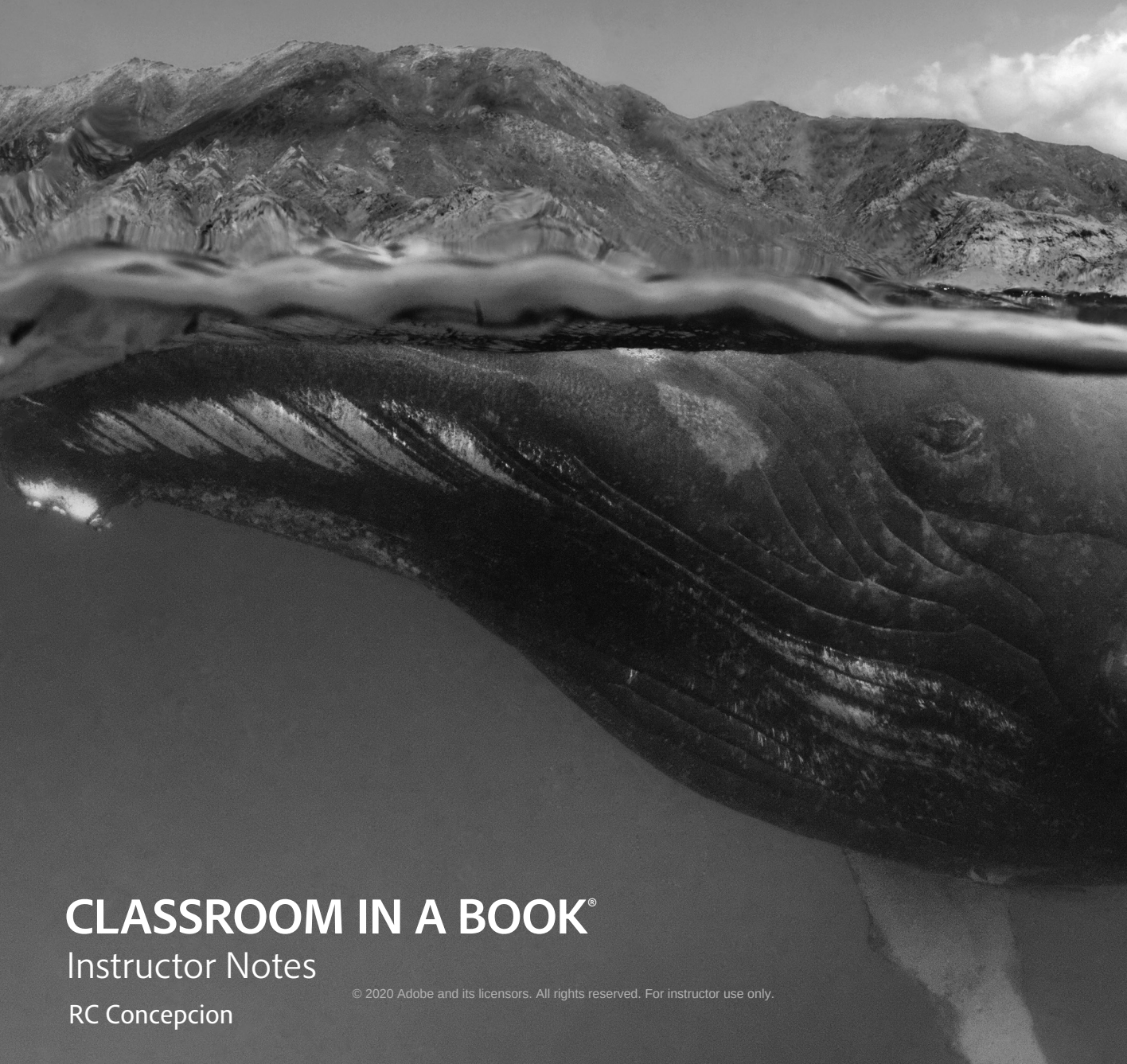




Adobe
**Photoshop
Lightroom Classic**
2020 release



CLASSROOM IN A BOOK®

Instructor Notes

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INSTRUCTOR NOTES

The Adobe Photoshop Lightroom Classic Classroom in a Book® course presents students with tips, techniques, and workflow solutions that will help them to get the most out of Adobe Photoshop Lightroom Classic.

These Instructor Notes are intended to complement the lessons and exercises in the *Adobe Photoshop Lightroom Classic Classroom in a Book®*; although they are organized to follow the sequence of instruction in the lessons, the intention is not to expand on each and every exercise but rather to point out potential teaching opportunities not specifically covered in the lessons and areas where students might easily be confused.

Course strategy

The book contains a Getting Started chapter and 11 lessons, which may take varied amounts of time to complete.

You should be able to teach one chapter of this book per session, but—depending on the number and duration of sessions in your class—you may wish to combine related exercises from some of the shorter lessons, or break up the more involved projects. This can be a good way to brighten the technical lessons with some of the more creative exercises, providing your students the satisfaction of seeing a result at the end of each class.

Exercises requiring Internet access or a printer—where those are not available in class—may be best assigned as follow-up work to be completed at home.

The following lesson summaries may help you in structuring your course:

- **Getting Started** covers setting up for the lessons, introduces the concept of the catalog file, and outlines the additional resources that students should be encouraged to use in order to find help, information, and inspiration.

Students begin by creating an account at Peachpit.com and downloading the sample image files to be used in the exercises, and then go on to create a library folder and catalog file that will be used through all 11 lessons.

In the classroom, this section is best combined with Lesson 1, so that your students will already have an established catalog to handle the lesson images before they begin exploring the interface and workspace modules.

The concept of the Lightroom catalog is expanded on in Lesson 1.

● **Note:** One way to simplify file storage in classroom situations is to have your students include their own names when naming their library folders.

- **Lesson 1** discusses the core concepts of the catalog file and non-destructive editing, and provides an introduction to the Lightroom interface and workspace that is basic to all the following lessons.

The lesson then moves on to a quick project, allowing students to work through a typical workflow, from import to output. In the process, this lesson touches quickly on a number of skills and concepts that will be developed in detail in later lessons.

- **Lesson 2** focuses on importing. Students become familiar with the Lightroom import interface—importing images from a camera, a hard disk, or removable drive while learning how to use various import modes and options to organize photos in the process.

This lesson also covers working with import presets, adding a copyright, setting up a watched folder, using Lightroom for tethered shooting, and setting information display options for the Library module's Grid and Loupe views.

- **Lesson 3** explores the Lightroom workspace in greater detail, beginning with a look at how to make the most of available screen space by working efficiently with panels to customize the workspace. Students become familiar with the different working views and screen modes, and learn how to make full use of the Navigator, the Filmstrip, the Quick Collection, and a secondary display when viewing, navigating, comparing, and rating images.
- **Lesson 4** deals with the subject of organizing the photo library. Students learn how to organize their images using collections and collection sets and get hands-on experience with all the tools and techniques for tagging, marking, color labeling, sorting, and searching images. This lesson includes an introduction to synced collections, the People view, and the Map module.
- **Lesson 5** gives students their first taste of editing in the Develop module, beginning with cropping and straightening. Students learn some background on previews and process versions, and a little theory to help them understand the concept of white balance. They will practice some common editing and retouching tasks, such as tonal corrections, sharpening, and lens corrections, and learn easy ways to create variations of the same image. This lesson also showcases Lightroom's Profile Browser for additional creative looks.
- **Lesson 6** furthers the exploration of the Develop module. Students learn how to bring out the best of select areas of a picture, while also exploring valuable timesaving features for editing of images en masse. Students will use the Spot Removal, Graduated Filter, Radial Filter, and Adjustment Brush tools to perform local corrections, learn to add color or black-and-white effects, and apply presets and effects.

This lesson also introduces the Photo Merge tools for creating HDR and panoramic images, and the newest feature: Fill Edges for panoramas.

- **Lesson 7** explores the Book module. Students are guided through a sophisticated photo book project while learning how to select and customize preset page layouts and how to add backgrounds, graphics, and text. Students will gain experience with the Text Adjustment tool, using custom text presets, re-using custom page layouts, and publishing a photo book to Blurb.com or PDF.
- **Lesson 8** leads students through the process of creating a stylish presentation in the Slideshow module. Students learn how to select and customize a slide layout template and how to add backgrounds, borders, text, effects, motion, and music. Other exercises cover the Text Template Editor, saving custom templates, and exporting a slideshow to video or PDF.
- **Lesson 9** covers the Print module. This lesson begins by exploring the various types of layout template, and then works through the process of modifying and customizing them. Students learn how to work with image cells, layout controls, and image metadata, how to create borders, change background colors, and add text. Exercises also cover creating a custom print template, working with color management, and saving print settings as an output collection.
- **Lesson 10** focuses on backup strategies and the various methods of exporting images from Lightroom. Students learn how to set up automatic backups, back up the catalog file or the entire library and all the images it contains, and how to perform incremental backups. The lesson covers a range of export options, from exporting a single image to exporting images as a Lightroom catalog, and also touches on setting up export presets and post-processing actions.
- **Lesson 11** provides students with a start-to-finish sample workflow employing all of the techniques covered in the book. Images are imported from a memory card, sorted using flags, and assigned to collections. From there, the images are moved to a removable drive and a network-attached storage (NAS) device, highlighting a workflow strategy that will keep them organized and Lightroom running faster as they become more seasoned users.
- The **Bonus Lesson** is an online lesson that looks at the options for sharing photos online. It begins in the Library module, where students work with the Publish Services panel, and then examines the Web module in detail, including the four gallery types and how to personalize them, adding a watermark, creating a new preset, and how to save, export, and upload your web gallery.

New features

Several lessons in this book include exercises that introduce new or enhanced features in Photoshop Lightroom Classic:

- **Lesson 5** introduces artistic profiles. These profiles move past develop presets and interpret the raw camera information into a series of creative looks, both in color and black and white. Students will benefit from a walk-through of where the presets live and how to apply them to raw and JPG images.
- **Lesson 6** introduces a new method for finishing off panoramic images, the Fill Edges option.
- **Lesson 10** introduces multi-batch export.

Getting Started

Before teaching Lesson 1, you should decide how to deal with the issues covered in the Getting Started section: the installation of software and downloading of lesson files to the students' computers, as well as setting up any external hard drives for use with the lessons.

You may wish to prepare course and library folders for your students before the first lesson begins, or have students work through these procedures at the beginning of Lesson 1.

Photography spotlights

In between each of the lessons, this book showcases a series of photographers in varying genres of photography. As students begin their photographic journey, it is often a good idea to point them toward inspiration and expose them to photographic expression that may be different from their own. The photographers showcased in this book offer tips and insight, as well as samples of their most iconic work. These vignettes do not have exercise files, and do not have accompanying videos.

Lesson 1: A Quick Tour of Lightroom Classic

This lesson presents an introduction to Adobe Photoshop Lightroom Classic that is intended to provide your students with a basic understanding of how Lightroom works and a general overview of the workspace. The exercises familiarize students with some of the techniques used in the course of a typical workflow, from import to output.

Goals for this lesson

The overall objective for Lesson 1 is to make your students sufficiently familiar with the user interface to be able to move between modules and easily locate the commands, tools, and controls they'll need to import, view, select, organize, edit, and share images.

- They should understand the core concepts of the Lightroom catalog file and non-destructive editing.
- They should be able to recognize and move between the various Lightroom workspace modules.
- They should be able to identify and locate the key elements of the interface, including menus, panels, the Toolbar, and the Filmstrip.
- They should be aware of and be able to access different viewing modes.

A secondary goal is to encourage your students to make good use of the different means of finding help and information about Lightroom (as detailed at the end of the Getting Started chapter) so that they can help themselves and gain confidence, independence, and inspiration. They should be aware of and able to access:

- Help in the application.
- Adobe Community Help on the web.
- The Help PDF.

Understanding how Lightroom works

You can begin by explaining the linked concepts of non-destructive editing and the catalog file as a record of not only the address of an image file, but also of each organizing or editing operation performed in Lightroom. Point out that the Add import option adds images to a catalog without moving source files from their original locations, and that multiple catalogs can be created and switched to for different purposes.

The Lightroom workspace

Begin with a general tour of the Library module, which will help orient your students and provide a review of the names of the workspace elements. Point out the

menu bar, the identity plate, and the Module Picker in the top panel, the side panel groups, the work area and the Toolbar below it, and the Filmstrip across the bottom of the workspace. You should demonstrate the Grid and Loupe views, drawing attention to the view buttons and other tools in the Toolbar, such as the thumbnail size slider for the Grid view. Show that the Toolbar can be customized for each viewing mode.

Although Lesson 3 will go into more detail, you can demonstrate the hide and show settings and behaviors for the side panel groups and the Filmstrip, and discuss options for optimizing screen space by customizing the workspace and switching viewing modes. Look at the context menus for the panel groups and the Filmstrip. Show that the workspace can be customized for each module independently.

The Lightroom modules

For each of the seven workspace modules, quickly examine what panels are available in each of the side groups, what controls can be found in the Toolbar, and what viewing modes are offered. Highlight the interface similarities across modules—the Slideshow, Print, and Web modules, for example, share a left panel group that includes the Preview panel, the Template Browser panel, and the Collections panel, while panels with controls for customizing the layout or presentation are found on the right. The Book module follows a slightly different model: although layout is template-based, the presets are applied to individual pages, rather than to the project as a whole, so there is no Template Browser panel in the left panel group. Point out the various panels and controls that become available for different template and layout types in the Print and Web modules.

The Lightroom workflow

The exercises in this lesson step students through a typical workflow. In the process, they will import lesson files, review and organize the imported images in the Library module, correct and edit photos in both the Library and the Develop modules, and share images by e-mail. It's not necessary to expand on many of these subjects at this stage—most are treated in greater detail in subsequent lessons.

Creating effects with the Radial Filter tool

In this exercise, students learn to use the Radial Filter tool to create custom, off-center vignettes and other effects.

Steps four and five cover the Range Mask feature, which limits the affected area of the radial mask; it may be worth encouraging a little experimentation with this in contrast to the Brush mode for altering the affected area. Although Range Mask is also available for the Graduated Filter tool and is covered separately in Lesson 6, there is no further specific coverage with the Radial Filter tool.

● **Note:** The Radial Filter tool is revisited in Lesson 6, where it is used to apply tonal corrections selectively.

Using Help

Rather than treating this topic as a classroom exercise, focus on pointing out the menu commands and encourage your students to explore Adobe Community Help and other online resources at home. You could set students the task of finding answers to a set of lesson review questions such as those below, and then follow up with discussion in the next class.

Questions

- 1 What is the catalog file?
- 2 What happens when you press the letter L in Lightroom?
- 3 Which of the settings found in the Tone and Presence areas of the Develop module's Basic panel *cannot* be applied through a Radial Filter mask?
- 4 What is meant by destructive versus non-destructive editing?
- 5 List one benefit of non-destructive editing?
- 6 What do you do when the controls you want are not visible in the Toolbar?

● **Note:** You can use the Review Q&A at the end of the lesson to help you identify extra teaching opportunities and discussion points.

Answers

- 1 The catalog file is the key to understanding how Lightroom works; it stores not only the address of each master image file, but also records every tag, label, and rating assigned to the image, every adjustment and edit applied to it, and its position in collections, slideshows, print layouts, and web galleries. The catalog file makes non-destructive editing possible.
- 2 Pressing the letter L will dim the Lightroom interface by 80%. Pressing it a second time will black out the interface. Pressing it once more will bring the interface back to 100% visibility.
- 3 The Radial Filter tool options do not include a control for Vibrance.
- 4 Destructive editing applies the changes of a picture directly to the pixels of the images themselves. Non-destructive editing makes these changes as instructions that live separately from the raw image data in the file.
- 5 Answers can vary on this but can include: the ability to reference a single image in multiple collections; the saving of history steps for edits, even when the program is closed; the creation of variations (in editing) of a file that all refer to the same original image, and speed improvements because you are not actually manipulating pixels.
- 2 To ensure that the Toolbar is visible, press T. Click the arrow at the far right of the Toolbar and choose the control you're looking for from the menu. Tools that are already visible in the Toolbar are indicated by a check mark in the menu

Lesson 2: Bringing Your Photos into Lightroom

This lesson introduces the Lightroom import interface. In the course of the lesson, students will import images from a camera and a hard disk while learning how to use various import modes and options to organize photos in the process. The lesson also covers working with import presets, setting up a watched folder, and using Lightroom for tethered shooting.

Goals for this lesson

The overall objective for Lesson 2 is to make your students sufficiently familiar with the Import dialog box to be able to import, copy, and move photos from any source, and use the options for processing and organizing files as they are imported.

- Students should understand the workflow in the Import dialog box: navigate files and locate source images on the left, choose an import type at the top, view and select images in the center, process and organize images with the panels at the right.
- They should be able to import photos from any source and understand when to use the different import options: Copy As DNG, Copy, Move, and Add.
- They should be able to set up automatic processing—file renaming and application of develop settings, keywords, and other metadata—and designate a destination folder for moved or copied files.
- Students should be able to use a variety of import techniques outside the Import dialog box: importing to a specific folder, using a watched folder, and using Lightroom for tethered shooting.
- They should be able to set up an import preset and use the Import dialog box in compact mode.

► **Tip:** Each of the following lessons begin with a basic import from the Lessons folder; with a little thought and preparation, you could possibly break up Lesson 2 and reposition the exercises at the beginning of other lessons. Should you take this approach, keep in mind the fact that coverage of many useful import options and techniques is distributed throughout the lesson.

Scheduling

The first exercise in this lesson deals with importing images from a memory card, so you may wish to ensure that students come to class prepared. If there is a technical problem with connecting cameras in class, students should still work through the exercise with images imported from another source, as several important import options and techniques are incorporated into the exercise workflow.

The import process

You can begin with an overview of the Import dialog box, in both compact and expanded mode. In explaining the various import types, you should revisit the subject of the catalog file. It's important for students to understand that, although we talk about "importing" a photo, Lightroom really only initiates a new entry in the catalog file, though we may choose to move or copy the image file in the process.