

Lightroom and camera RAW project

Experts can argue about which is the best camera in any specific situation. I say that the best camera is the one that you actually have with you — and you nearly always have your smartphone camera at hand.

As communication professionals, you should know the basics of photography, and be able to take decent photographs — and edit them. (Same applies to video, which is not covered here.)

For capturing (saving) a photo, camera RAW is an alternative format to the conventional JPG. When capturing in RAW instead of JPG, far more information is retained, which allows far more possibilities in post-production.

Real photographers shoot only in RAW.

Adobe Lightroom is for photographer workflows and for RAW editing. The Lightroom application can be installed on both your computer and smartphone (and tablet). You can take photographs from your smartphone using Lightroom's camera app and, via the Adobe Creative Cloud, these photos can automatically sync with your computer, for easier workflow and editing.

- Install Lightroom on both your smartphone and computer — and make sure you are logged in to the same Adobe Creative Cloud account on both devices. Take a photo with your smartphone using the Lightroom app, and confirm that this syncs with your computer.
- Teach yourself how to take photos using the smartphone Lightroom app. You can get some help from the second page of this exercise: qoolcat.local/down/one-pager-lightroom.pdf.
- Teach yourself how to use the Lightroom application on your computer. The [Photoshop Exercise 1 lesson](#) is all about using Photoshop's Camera Raw filter, which is much the same as Lightroom.
- Take a series of photographs captured in RAW, using either your smartphone Lightroom camera or a dedicated camera that supports RAW. Your photos must include at least one of each of the following
 - landscape
 - building, church, or similar (architecture)
 - portrait
 - street scene
 - night scene
 - object like a ceramic, painting, or product packaging, shot with a very low ISO for minimum noise.
- Post-produce (edit) your photos in Lightroom, then create a personal online side-show to showcase a selection of your work. In Lightroom, to create an on-line personal slideshow, first create a Lightroom Album with your photos therein, and then right-click the Album and go Share & Invite... — the rest is obvious, and Lightroom will give you your URL link (for the slideshow).

Timing and submission

Time deadline is as shown on my website. Your submission to the Microsoft Teams space should include

- a PDF text file explaining your work and giving the URL of your online slideshow
- the RAW file of your photo of an object, plus a JPG rendering of the final edited result
- optionally, you can include a second online slideshow of a specific theme or event, just for class interest.

Each file that you upload to Teams must have your name, for example SURNAME_firstname.pdf for the PDF.

Aside: Adobe Lightroom should not be confused with Adobe Lightroom Classic. Lightroom Classic is designed for professional photographers who want maximum control and advanced features. Lightroom targets casual and enthusiast photographers who want easy editing and seamless device synchronisation. Lightroom has a simpler interface and is device agnostic.