

ENGLEWOOD CAMERA CLUB
DIGITAL PROJECTION
Requirements and Guidelines

28 Feb 2022

1. Image Requirements:

- a. Dimensions: The image must fit *within* a “window” not to exceed **1920 pixels wide by 1200 pixels high**. In other words, the *width of every image must not exceed 1920 pixels* and the *height of every image must not exceed 1200 pixels*. Smaller image dimensions are acceptable—but not recommended.
- b. File Format and Size: JPG. There is no limitation on JPG file size.
- c. Filename Format: Last name_Frest Name-Title.jpg For example: Luhman_Fred-Wagon_Wheel.jpg
- d. Images must originate by the member from any digital capture, such as: scans, digital cameras, or smartphones

2. Image Preparation Guidelines (suggestions based on use of Photoshop):

- a. Edit the image as necessary. FILE>SAVE AS to save the edited image in TIF or PSD format.
- b. Flatten the image if layers were used.
- c. Size the image: The best image quality for projection is obtained if the width is made exactly 1920 pixels and/or the height is made exactly 1200 pixels—in order to match the native resolution of the digital projector. Do **one** of the following:
 - (1) IMAGE>IMAGE SIZE: (a) check “Constrain Proportions” and “Resample Image”; and (b) if horizontal image set “Pixel Dimensions” Width=1920 pixels, OR if vertical image set “Pixel Dimensions” Height=1200 pixels.
 - (2) An easier method is to use FILE>AUTOMATE>FIT IMAGE: enter Width=1920 pixels and Height=1200 pixels. This automates what you otherwise have to do in IMAGE SIZE. It resamples and maintains the aspect ratio of the image to fit within the specified height and width dimensions.
- d. Sharpen the image, as necessary, and examine at 100% magnification.
- e. Use sRGB Color Space: If your normal RGB Color Setting (color working space) is **other than** sRGB, it is suggested that the file intended for image projection be converted to sRGB via IMAGE>MODE>CONVERT TO PROFILE. You probably won’t notice any difference in colors after converting to sRGB, but in case you do, re-edit the image as necessary. Digital projectors are typically designed for sRGB color space.
- f. FILE>SAVE AS to get JPG file: It is not necessary to embed the ICC Profile in the JPG file, so this box can be unchecked. In the JPEG OPTIONS dialog box set the quality level as high as you wish.

3. Image Submittal Requirements:

All images must be sent as email attachments to the Club Projectionist at least **three days** prior to the club’s scheduled monthly meeting. Images received by the Projectionist will be used for club purposes only.