



Digital Projection Division Instructions

Revised, 1/13/2011

Definition:

A "Digitally Projected Image" shall be any image where the image shall be displayed using a digital projector and where any part of the process is conducted electronically including electronically scanned, electronically manipulated, or generated by a Digital Camera. All work, photography, and image manipulation, must have been created by the author. Clipart is not allowed.

Digital Projection Classes:

BEGINNER	(BE) 20 points (wins) required to move to next class.
ADVANCED	(AD) 35 points (wins) required to move to next class.
SALON	(SA) 50 points (wins) required to move to next class.
STAR	(ST) 75 points (wins) required to move to next class.
GALAXY	(GA) Top Class

Digital Projection Divisions:

Monochrome General (MG)

Images that are black and white with shades of gray and up to 1 additional color are acceptable. Images that are "toned" (1 color) with up to 1 additional color are acceptable.

Color General (CG)

Any color digital image except those images in which a wild animal, bird or insect fills more than one-third (1/3) of the frame and there are no factors that prevent that image from being accepted in the Nature Digital Projection Division. Those color digital images that are NOT acceptable in the Nature Digital Projection Division may be acceptable as Color General Digital Projection images.

The photographer may perform enhancements and modifications that improve the presentation of the image. Any modification to an image that results in an image that still appears to a casual viewer to be un-manipulated is acceptable.

Examples of acceptable modifications include: Cropping and horizontal flipping (equivalent to reversing a slide), straightening, keystone, noise removal, dodging and burning, exposure adjustment, color balance, color correction, white balance, saturation, and sharpening, "HDR" (High Dynamic Range), are examples of acceptable modifications. A border may be added to the image. **Stitched Panoramas are allowed.**

Nature (NA)

Any color digital image that contains "Nature", where "Nature" is defined as, Nature in all its forms, including the many facets of Botany, Geology, and Zoology. Human elements, if present, should be unobtrusive and enhance the nature story. Those depicting cultivated plants, domestic animals or pets, still-life studies, mounted specimens, museum pieces or groupings, or similar subjects are NOT eligible. The presence of scientific bands on wild animals is acceptable. Zoo shots and Game Farm shots are eligible provided the artificial habitat is not apparent in the image. Photographs of artificially produced hybrid plants or animals, mounted specimens, or obviously set arrangements, are ineligible, as are some forms of manipulation manual or digital (see below) that alters the truth of the photographic statement.

The photographer may perform enhancements and modifications that improve the presentation of the image that could have been done at the time the image was taken but that does not change the truth of the original nature story.

Cropping and horizontal flipping (equivalent to reversing a slide), straightening, keystone, noise removal, dodging and burning, exposure adjustment, color balance, color correction, white balance, saturation, and sharpening, "HDR" (High Dynamic Range), are examples of acceptable modifications. A border may be added to the image.

Adding elements to your images, combining separate images or rearranging and/or cloning elements in your image, removing major elements from your image other than by cropping, are not acceptable and will lead to disqualification of your image. **Stitched Panoramas are NOT allowed.**

Color Creative (CC)

(Anything Goes). Any color/nature digital image that contains "Any Subject", that is not eligible in another category. This includes images where all or part of the image is manipulated, created, edited, fixed, duplicated, or imported from another image (see below). All the components of the image must be original work created by the photographer and all manipulation must have been performed by the photographer. **The image should appear to be a manipulated image to the casual viewer.**

Cropping and horizontal flipping (equivalent to reversing a slide), straightening, keystone, noise removal, dodging and burning, exposure adjustment, color removal, adding one color, white balance, saturation, and sharpening, "HDR" (High Dynamic Range), are examples of acceptable modifications. A border may be added to the image. Images are not limited to only these modifications.

Adding elements to your images combining separate images or rearranging and/or cloning elements in your image, removing major elements from your image, are examples of acceptable modifications. **Stitched Panoramas are allowed.**

Assignment (AS)

Images subjects are from the published assignment list.

Any digital image that contains the "Assignment Subject". This includes images where all or part of the image is manipulated, created, edited, fixed, duplicated, or imported from another image (see below). All the components of the image must be original work created by the photographer and all manipulation must have been performed by the photographer.

Cropping and horizontal flipping (equivalent to reversing a slide), straightening, keystone, noise removal, dodging and burning, exposure adjustment, color removal, adding one color, white balance, saturation, and sharpening, "HDR" (High Dynamic Range), are examples of acceptable modifications. Images are not limited to only these modifications. A border may be added to the image. **Stitched Panoramas are allowed.**

Adding elements to your images combining separate images or rearranging and/or cloning elements in your image, removing major elements from your image, are examples of acceptable modifications.

Image Submission:

The images will be projected “**as received**” by the Digital Projection Division director. The total number of images that can be submitted is 2 per category, **with a total of 6 images max per competition. Assignments nights have a limit of 2 images per assignment.**

- A maximum of two **Monochrome General (MG)** entries are allowed.
- A maximum of two **Color General (CG)** entries are allowed.
- A maximum of two **Nature (NA)** entries are allowed.
- A maximum of two **Color Creative (CC)** entries are allowed.
- A maximum of two **Assignment (AS)** entries are allowed.

Notes:

Digital Projection image files **must** be delivered at least 1 week before the scheduled competition date to the current WOCC Digital Projection Division director. E-mail is the only method of delivery.

Sending Images:

- E-mail, **Send your files to, woccdigital1@comcast.net** 1 week before the scheduled competition date.
- You will receive an email confirming files were received.
- Files (**e-mails**) received after the seven day limit will not be accepted.
- No files will be held over to the next competition.

Assignments:

Digital Projection competitions will be on “competition” nights. **Digital Assignments will be held on the nights as published on the ‘Assignment’ list. Dates are subject to change.**

Image Size:

The equipment used for judging this division will be a Canon Realis SX-50 projector with 1400 x 1050 resolution. In order to keep the vertical and horizontal images equal in size, we will go by the following standards:

- “Resolution” -- 100 pixels per inch.
- “Pixel Dimensions” -- the value for the larger dimension must be “**1280**” or less.
- Smaller images are acceptable.
- “Horizontal” example – for a standard sized image, set “Width” to “**1280**” and “Height” will automatically change to “837” depending on original image size.
- “Vertical” example – for a standard sized image, set “Height” to “**1280**” and “Width” will automatically change to “837” depending on original image size.
- For a non-standard sized image, set the larger of “Width” or “Height” to “**1280**” or some smaller value. The other value should automatically change to correspond.

How to set the Image Size in Adobe Photoshop:

- Some menus will differ with newer versions of Photoshop or other image editing programs.**
- Open your image in PhotoShop or Elements.
- Pick “Image”.
- Pick “Image Size”.
- Set “Resolution: at **100** pixels per inch.
- Make sure there is a check mark in the “Constrain Proportions” check box.
- Make sure there is a check mark in the “Resample Image” check box.
- For “Pixel Dimensions:”, set the value for the larger dimension to be “**1280**” **or less**.
- The value for the smaller dimension should automatically change.
- Pick “Ok”.

Notes:

When setting the images size in PhotoShop.

1. Remember to set the resolution to “100 pixels/inch”. This must be the first step.
2. Set either the width or height to “**1280 pixels**“. The other dimension must be **1280** pixels or less.
3. If you do this in reverse order the pixel dimension will change. Resulting in the wrong image size.

How to set the sRGB color space in Adobe Photoshop:

Some menus will differ with newer versions of Photoshop or other image editing programs.

Select “Image”.

Pick “Mode”.

Pick “Convert Profile”.

Suggested Profile = Adobe SRGB IEC-61966-2.1

Pick “ OK “.

How to set the sRGB color space in Adobe Photoshop:

Some menus will differ with newer versions of Photoshop or other image editing programs.

Select “Edit”.

Pick “Convert Profile”.

Suggested Profile = Adobe SRGB IEC-61966-2.1

Name and save your file using the following format:

“Division”, “Class”, “Club”, “Last name”, “First Name”, “Title of Image”, “extension”.

Example; **CG AD WOC Sroka Joe my picture.jpg**

Division Abbreviations:

Only the following two upper case letter abbreviations will be accepted for the Division identification.

MG – Monochrome General

CG – Color General

NA – Nature

CC – Color Creative

AS – Assignment

Class Abbreviations:

Only the following two upper case letter abbreviations will be accepted for the Class identification.

BE – Beginner

AD – Advanced

SA – Salon

ST – Star

GA – Galaxy

Club Abbreviations:

Only the following three upper case letter abbreviations will be accepted for the Club identification.

WOC – West Oakland Camera

Member’s Name:

Use only a single space between last and first names of the member's name, and use upper and lower case letters as shown.

Example Member's Name: Sroka Joe

Note: Please - no middle initials and be consistent – do not use “Sroka Joe” one time and then “Sroka Joseph” another. Choose either “Joe” or “Joseph”.

Title of Image:

Use only a single space between words (**no underscore**) in the image title. **Use upper case letters for first letter of proper names.**

Example Image Title: Disneyland California rain coat

DO NOT use any symbols or special characters, “periods” (except .jpg), (“#”, “/”, “\”, “_”, “()”, “--”, “=”, “+”, “*”, “&”, “@”, “%”, “!”, “©”), or any others in your file name. There are a lot of “/” used for dates in slide names and “#” used for #1, #2, #3, etc. However, since the PC and the web server use “symbols” to signify a subdirectory and the “#” symbol will definitely cause the web server to truncate file names at the “#” sign, you will have to find another way of naming your files. Instead of “bird #1” use “bird 1”. If using a date in the file, use “093005” or “09302005”.

Save as .jpg File Format

How to attach and send file via email:

This example is given using “Apple Mail”. The process should be similar using any email program.

Start your email program.

Select “ New email.”

Address; , woccdigital1@comcast.net

Subject; “WOCC Digital”

Message; “There are 4 files attached.” Just a short note to say how many images are attached.

Pick, “Attach,”

Find the file or files you want to send.

Pick. “Attach” or “ Choose file”.

Pick “ Send”

If you are having problems sending large attachments, check with your internet provider about the number and size of attachments allowed by your provider.

COUNCIL COMPETITIONS:

Council competitions will be held in accordance with the rules of G.D.C.C.C.

All images submitted for Club competition are eligible for Council competitions.

Helpful hints and suggestions:

SATURATION:

Some people add extra “saturation” to their images to make the colors ‘PoP’ on screen. Somewhere between +15 to +25 usually works well.

Pick. Image > Adjustments > Hue / Saturation.

Move slider to obtain a +15 to +25 increase in “Master” saturation.

SHARPENING:

Sharpening 150 % to 200 % will increase sharpness of projected images.

Pick . Filter > Sharpen > Un-sharp Mask.

Amount = 100% to 200%

Radius = 0.5 to 1.0

Threshold = 1 to 4

BORDERS:

Borders are allowed in Color, Creative, & Monochrome categories.

IMAGE SIZE;

Follow the rules. Images must be sized as shown in the Digital Projection Division Instructions, otherwise they will not project correctly.

FILE NAME:

Example; **CG AD WOC Sroka Joe my picture.jpg**

The use of blank spaces as shown above, is important. Without these spaces your image file may not be sorted into the correct category.

Spelling. Please check the spelling in your titles. Spelling mistakes will show up on ribbons awarded by Council at digital competitions.

When naming your images be sure all your images have unique names. Using the same name will cause images to be overwritten in the image files used for GDCCC competitions.

Steps for Digital Submission: Cookbook Style

By Pat Dennen

1. Duplicate the image, so you're not working with the original. (Image>Duplicate)
2. Convert to monochrome?
3. Change to 8-bit (Image> Mode)
4. Add extra Vibrance? (Image>Adjustments>Vibrance)
5. Change to sRGB, automatically flattening all layers. (Edit>Convert to Profile)
6. Change image size (Image>Image size; Resolution 100; Pixels 1280)
7. Add border (Image>Canvas size, add 5 pixels)
8. Add extra sharpening (Filter> Sharpening)
9. Save image (File>Save As>Find destination>Select jpg)
10. Create file name: NA BE
CG AD
MG + SA + WOC Obama Barack my picture. jpg
CC ST
AS GA
11. Send file to: woccdigital1@comcast.net