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PHOTOGRAPHY

Section 1 : Award List

Proficiency for this program requires:

1. Beginning Digital
2. Intermediate Digital
3. Advanced Digital
4. Proficiency

Notes also included for Beginning and Advanced Traditional Awards, although these are not currently offered due to lack of suitable facility with running water and electricity for developing film.

Section 2 : General Rules & Safety

1. Camera Safety: Camera safety is a high priority! Neck straps must be worn at all times. Do not run with cameras, swing cameras, put cameras down in the dirt, etc... Also keep all disks clean to avoid sand/dust damage when the disk is inserted into the camera.
2. Computer Safety: Do not reorganize the photography computer. The less it is changed, the less likely it will crash. Along the same lines, the better organized the computer is the easier it will be to keep running and troubleshoot.

Section 3: Award Requirements

Beginning Digital Award

Objective

- The Camper will be able to show basic knowledge of the digital photography equipment and demonstrate its correct use.

Prerequisites

- None

Safety Rules

- Camera safety
- Computer safety

Knowledge Required

Basic camera functions

- On and off.
- Play, still, and movie functions.
- LCD controls.
- Four flash functions.
- Battery level.
- Auto and manual focus.
- Inserting and removing disks.



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- Zoom control.
- Shutter button.
- Changing image sizes (to 640)
- Disk availability (how many can fit on a disk?)

Artistic Knowledge

- Subject
- Composition
- Balance
- Symmetrical, Asymmetrical
- Emphasis
- Unity
- Point of view
- Variety

Skills Required

- The camper will be able to demonstrate the required knowledge for this award to an instructor
- The campers will be able to correctly operate a digital camera to take their own photographs. These pictures must represent clear thought regarding subject and composition.

Intermediate Digital Award

Objective

- The Camper will be able to show detailed knowledge of the digital camera and demonstrate its correct use. The camper will also show basic knowledge of the computer and demonstrate its correct use.

Prerequisites

- Beginning Digital

Safety Rules

- Camera safety
- Computer safety

Knowledge Required

Camera Knowledge

- Full understanding of all camera functions and menus

Computer Knowledge

- Basic understanding of computer set up and workings
- Within Photoshop, the camper needs to know how to undo, revert, save, save as, change image size, and print.

Artistic Knowledge

- The camper will gain an understanding regarding the six different subject areas, and will take at least one photo in each category.
 - Wildlife, nature, landscape
 - Point of view
 - Action
 - People
 - Alternative (special effect)
 - Abstract



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Skills Required

- The campers will be able to demonstrate and explain all functions of the digital camera
- The campers will need to be able to properly take digital photographs, changing all settings when needed.
- The campers will be able to properly import their photos into Photoshop
- The campers will be able to demonstrate and explain the following within Photoshop: Undo, revert, save, save as, changing image size and printing.
- Using and demonstrating the above knowledge, the campers will be able to take, import, and print three pictures from the six subject areas. These pictures will show the thought, time, and energy that was put into their work.

Advanced Digital Award

Objective

- The Camper will be able to show detailed knowledge of digital photography programs and demonstrate its correct use.

Prerequisites

- Beginning Digital
- Intermediate Digital

Safety Rules

- Camera safety
- Computer safety

Knowledge Required (Refer to the Photoshop tutorials)

- RGB vs Greyscale
- Layers
- Transparency
- Resolution
- Brightness and Contrast
- File types (JPED vs GIF)
- All tools on tool bar
- Menus
 - Transform, Free Transform
 - Adjust, Rotate Canvas, Mode
 - Effects, Merge, Flatten
 - Selecting
 - Filters
 - Sharpen, Unsharpen

Skills Required

- Create a portfolio of five high quality digital images (within one of the six subject areas) using the knowledge learned.
 - Print out original image(s) and final image for each of the five
 - Document, in writing, what changes were made to the original image(s) and why they were made.
 - At least two of the final images must combine multiple images.



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Beginning Traditional Award

Objective

- The Camper will be able to show basic knowledge of equipment used in traditional (B*W chemical) photography and demonstrate its correct use.

Prerequisites

- Beginning Digital
- Intermediate Digital
- Advanced Digital

Safety Rules

- Chemical Safety
- Camera Safety

Knowledge Required

- Shutter speed (changing and usage)
- Aperture (changing and usage)
- Basic knowledge of printing
- Basic knowledge of chemicals

Skills Required

- With some assistance, take their own photographs while paying attention to shutter speed and aperture settings
- Print at least one photograph with assistance in the darkroom.

Advanced Traditional Award

Objective

- The Camper will be able to show competent knowledge of equipment used in traditional (B&W chemical) photography and demonstrate its correct use within the required subject areas.

Prerequisites

- Beginning Digital
- Intermediate Digital
- Advanced Digital
- Beginning Traditional

Safety Rules

- Chemical safety
- Camera safety

Knowledge Required

- Control of light and how it affects a picture
- Mood
- Texture
- Advanced knowledge of aperture
- Advanced knowledge of shutter speeds

Skills Required

- Complete finished works using the required knowledge and skills in four out of six of the following subject areas. Finished photos should show the thought, time and energy that were put into the work.
 - Wildlife, Nature or Landscape
 - Point of View



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- Action
- People
- Alternative (Darkroom Techniques)
- Abstract

Proficiency Award

Objective

- The Camper will be able to show complete knowledge of digital as well as traditional photography equipment and teach its correct use.

Prerequisites

- Beginning Digital
- Intermediate Digital
- Advanced Digital

Safety Rules

- Computer safety
- Camera safety

Knowledge Required

- All previous required knowledge
- Detailed working knowledge of Photoshop

Skills Required

- TA for at least one week
- Complete final project
 - Using available books and magazines in the darkroom, research a photographer who you find to be an inspiration. Then recreate a series of three to five pictures in his/her style. With these pictures should be a complete description of how you interpreted their pictures and style and how you did your best to recreate that, along with a history of the photographer.

Section 4: Theory Sheets

Section 5: Day-by-day schedule

Monday	Roll call and attendance. Learning about photography terms, going to different camp sites, using "reality cameras."
Tuesday	Roll call and attendance. Learning all parts of camera. Going to specific areas of camp to shoot.
Wednesday	Roll call and attendance. Shooting pics.
Thursday	Roll call and attendance. Learn computer, one uses PC while the others stay around Dave's house to take pictures.
Friday	Roll call and attendance. Choice of finishing awards on computer or taking more photos around camp. Give campers their disks before they leave



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Throughout the week, remember to compile good photos that represent daily life at camp, as well as a photo of each cabin group, for the web page. Give them to the Associate Director by Friday evening.

Section 6: Teaching Tips

- Whenever it is appropriate, have the campers teach each other.
- Keep an eye on camper numbers and experience levels during Sunday sign up.
- You don't really need to wander too far for the campers to find interesting subjects. Trips to far away places can be fun, but very often take a lot of time. (Just make sure the focus is on photography.)
- Cleaning schedule!!
- Try your hardest not to get stuck in a rut.(Waterfront is nice, but not nice enough for every camper and every shot.)
- Create a series of finished prints (large) to use as teaching aids. They can range in quality, subject, area, etc... They can really help campers understand what you are looking for in regards to the awards.
- Keeping the computer and files organized will save a lot of time and energy. Create folders for each week and possibly for each award. Have the campers name their photos with their name and a number (ex. kevinbyers1, kevinbyers2, etc...)

Section 7: Bad weather alternatives

Photography is usually all right when it comes to poor weather. Pictures can be taken at a variety of sheltered locations around camp. There might be a problem when other programs use Dave's house during poor weather. You can try and confine yourselves to the darkroom, but the noise will probably distract you from leading a really productive class.

Section 8: Inventory

As at 8-17-01

- 9 frames
- 1 paper cutter
- 2 air cleaners
- card files
- 2 digital cameras with cases and chargers
- 3 extra camera batteries
- 1 box of old photos
- 1 box of photo books and magazines
- 1 computer
- 1 color printer
- 1 box of used disks
- 1 first aid kit
- several pieces of broken computer for proficiencies
- 1 ½ packs of computer paper



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- photo 'general rules' sign
- black photography board
- 1 bottle photo emulsion
- various enlargers, developing equipment for use when facilities allow

Section 9: Things to Remember

- Organize with the Store to get disks for those campers who are participating in digital photography. Sunday night after sign up would be a good time to swap a list of camper numbers for the disks. Extra disks should be purchased during open programs from the store.
- Just because a camper makes a finished print doesn't mean he or she deserves the award. Really make sure they all understand that they will be help accountable for learning and for expressing their new knowledge. Each award should show an obvious improvement. This is really hard to do without sounding like you are saying, "This isn't good enough." Discussing and critiquing photographs with the classes can help them better understand what you are looking for.
- Open program can be really helpful. It can be a time to clean and organize, but it is often better used for making up much needed computer time. It is highly recommended that advanced campers use open program time to work on their awards and to teach/TA for others.
- Kids love to see their work displayed!
- The more photography the counselors do themselves, the more interested the campers will get. If a counselor expands their own knowledge and experiences, they will be able to teach that much better.
- All awards (except the beginners) take a fair bit of time to complete correctly. Make sure the campers are aware of this.

Section 10: Opening and Closing the Program

OPENING

The computers need to be moved to Dave's house and set up in the security cabinets. The only supplies that need to be ordered are paper, ink, and disks (kept in store).

CLOSING

The computers should be cleaned out and organized ready for next summer. All cables, cords, plugs, etc... should be packed away neatly in boxes. Label every box so nothing gets lost! Cameras and unused disks should be returned to the summer director (don't pack these up because they are used year round!).

- Pack away all theory sheets, awards cards, and record cards to be stored for the winter (remember to take precautions for rodents moving in for the winter)
- Update inventory
- Return handbook to Associate Director BEFORE Wednesday of final week.