

## **Photography IV / Digital Imaging Curriculum Ketchikan High School**

**Course Description:** (12) Two semester course.

Prerequisites: Teacher approval and successful completion of Photography I, II and III. Provide your own 35 mm SLR camera with manual operation capability, digital camera with manual operation, pay lab fee of \$35.00 per semester.

Photography IV is designed for students who are seriously considering careers related to photography. Students will continue to investigate advanced techniques in photography and digital imaging. Through directed study, students will produce projects suitable for publication. Students will be expected to work more independently and be self-motivated. Three required elements for this class are: a) job shadow a professional photographer; b) have an exhibit of student's work; c) enter four photography contests.

**Standard 1** Students will demonstrate general safety and maintenance skills.

Students will:

- Demonstrate safe equipment use.
- Practice safe chemical use.
- Maintain studio and equipment.
- MSDS- Read and comprehend Material Safety Data Sheets.

**Standard 2** Students will demonstrate technical literacy.

Students will:

- Operate a 35 mm single lens reflex camera.
- Operate a digital camera.
- Operate peripheral camera equipment.
- Operate a computer using photo editing software.
- Operate a flatbed scanner.
- Operate a negative scanner.
- Understand the use of technical literature.

**Standard 3** Students will demonstrate communication and interpersonal skills for photography and digital imaging.

Students will:

- Demonstrate speaking skills for photography.
- Demonstrate listening skills for photography.
- Demonstrate writing skills for photography.
- Demonstrate teamwork for photography

**Standard 4** Students will demonstrate light control skills.

Students will:

- Analyze the qualities of light.
- Demonstrate light metering skills for continuous light.
- Demonstrate light metering skills for strobe.

- Use lighting equipment.
- Use exposure to obtain specific tones. (Zone System)
- Demonstrate lighting skills for portraiture.
- Demonstrate lighting skills for product imaging.

**Standard 5** Students will demonstrate advanced black & white photo-imaging skills.

Students will:

- Expose black and white films.
- Examine the role of chemicals in processing.
- Process black and white negatives.
- Process black and white prints.
- Investigate advanced exposure and processing techniques for black & white film and prints.

**Standard 6** Students will investigate the photography profession.

Students will:

- Research career opportunities in photography.
- Research current photography issues.
- Research copyright laws associated with photography.
- Investigate ethical issues related to copyright infringement, and the photography industry.
- Demonstrate an understanding of local and global cultures as they relate to photography.

**Standard 7** Students will produce projects suitable for publication.

Students will:

- Investigate various project ideas.
- Research techniques and processes involved.
- Demonstrate a working knowledge of techniques and processes involved.
- Produce publishable photographic pieces.

**Standard 8** Students will job shadow a professional photographer.

Students will:

- Investigate various photographers in Ketchikan.
- Choose a photographer to job shadow.
- Job shadow for a specific amount time.
- Produce a written report of job shadow experience.
- Professional photographer will submit an evaluation of the student.

**Standard 9** Students will exhibit their work in public.

Students will:

- Produce a minimum of 15 photographs suitable for exhibition.
- Frame and mat the photographs.
- Display their work in public. (i.e.-Ketchikan High School)
- Be available during viewing for answering questions and accepting comments.
- Have their work evaluated by the viewing public.

**Standard 10** Students will enter four photography contests.

Students will:

- Research photography contests from magazine publications and on-line web sites.
- Determine the nature and theme of the each contest.
- Submit the required photograph(s) and/or forms according to the contest rules.
- Enter a total of four contests of their choosing; two per semester.