

Photography III / Digital Imaging Curriculum Ketchikan High School

Course Description: (11-12) Two semester course.

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

Photography III is designed for students who are seriously considering careers related to photography. Students will 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.

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.