Department:

Photography

Course Description:

This course provides an introduction to the physical laws of light and photographic lighting techniques. The course will cover terminology and lighting techniques for form, texture, and separation, using both portraiture and still life. Assignments will include controls and exposure of lighting systems such as working with natural, tungsten or strobe lighting. Students must have access to a high quality digital (single lens reflex) camera with the ability for manual control and RAW image capture.

Course Competencies:

Upon completion of the course, the student should be able to:

1. Using practical lighting functions of natural, tungsten or strobe lighting systems in understand portraiture and tabletop applications.
2. Demonstrate lighting controls to achieve direct and indirect lighting effects with reflectors, umbrella, and scrims.
3. Demonstrate the applications of lighting ratios, guide numbers, and the inverse square laws with lighting systems.
4. Understand the use of incident and flash meters for exposure.
5. Use main, fill, background, and hair lighting applied to basic portrait posing techniques.
6. Compile an electronic clip file containing (examples) of portraiture and tabletop lighting.
7. Define photographic lighting terminology.
8. Present a final print portfolio, demonstrating dry mounting or window matting.
9. Select, analyze, and critique photographs using lighting terminology and concepts.

Course Content:

A. The Terminology of Light.
B. Exploring lighting systems: natural, strobe and tungsten.
C. Working with lighting ratios, the inverse square law, reflectors, umbrellas and scrims.
D. Basic portrait lighting tools: main, fill, background, and hair light.
E. Basic tabletop designs: direct and indirect use of lighting with products and portraits.

Learning Assessments:

Competencies will be assessed by use of photo shooting assignments, written exam, print assignments, class critique participation, and a final project presentation.

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Instructional Materials:


Guidelines for Requesting Accommodations Based on Documented Disability or Medical Condition

It is the intention of Highland Community College to work toward full compliance with the Americans with Disabilities Act, to make instructional programs accessible to all people, and to provide reasonable accommodations according to the law.

Students should understand that it is their responsibility to self-identify their need(s) for accommodation and that they must provide current, comprehensive diagnosis of a specific disability or medical condition from a qualified professional in order to receive services. Documentation must include specific recommendations for accommodation(s). Documentation should be provided in a timely manner prior to or early in the semester so that the requested accommodation can be considered and, if warranted, arranged.

In order to begin the process all students must complete the “Disabilities Self-Identification Form” at this link: https://highlandcc.edu/pages/disability-services.

This form can also be accessed at the Highland Community College homepage under Students Services/Student Resources/Disability Service or by contacting the Disabilities Coordinator.