

DSGN 211 Photography Techniques

This course will focus on the technical and photographic aspects of the digital image including the use of digital camera (DSLR), digital camera features, modes of operation, photography techniques (Exposure, Shutter Speed and Depth-of-field), composition, effective use of light, storage media, connecting and downloading images to the computer, enhancing images via editing software, file size (resolution) issues, and printing.

(Pre-requisites: N/A)

Course Learning Outcomes:

By the end of the course, students will be able to:

1. Demonstrate general knowledge and understanding of the functions and features of a digital camera (DSLR) and how to operate them.
2. Identify photographers and images by their style and historic photographic process.
3. Use advanced-level skills in aperture, shutter speeds, depth of field, lighting techniques, and composition concepts.
4. Adhere to the ethics and guidelines in photography for the region.
5. Evaluate the environment in which the photo is taken, such as lighting and composition.
6. Use skills to edit photos in terms of editorial or commercial use, and technical editing by using industry standard multimedia design software.
7. Work independently or collaboratively to achieve specified goals.

Textbook & Course Materials:

- Understanding Exposure, by Bryan Peterson, Amphoto Books (4th edition)

Course Content:

1. Exposure
2. Shutter Speed
3. Depth of Field
4. Lighting
5. Composition
6. Ethical codes in photography
7. Photo editing
8. Portraiture