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Course Overview

Course Title	Introduction to Digital Photography
Course and Section Number	ART-234-FX
Number of Credits	3 Semester Credits
Term	22/SUMM
Course/Section Dates	07/24/2022 – 07/30/2023
Meeting Time	FLEX course: Class meets on 7/24: Sunday at 1:00PM CDT 7/25-7/29: Monday-Friday at 6:00PM CDT 7/30: Saturday at 9:00AM CDT
Instructor	John Keller
Doane Email Address	john.keller@doane.edu
Textbook Information: (e.g. title, edition, publisher, ISBN)	Title: Complete Photography: The beginner's guide to taking great photos Author: Chris Gatcum ISBN-13: 9781781578537 ISBN-10: 1781578532 Link to Doane Bookstore: https://www.bkstr.com/doaneuniversitystore/shop/textbooks-and-course-materials
Additional Course Materials	Handouts in individual classes Digital camera:



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1. Digital Single Lens Reflex Camera (SLR, interchangeable lenses) or digital mirrorless camera: *Examples: Nikon D5100, D300, Canon 60D, Digital Rebel, Sony Alpha, Pentax D100, Olympus 300, etc.* or an adjustable Point-and-Shoot digital camera(**Must be able to adjust SHUTTER SPEED, APERTURE and ISO**) (and have fresh/charged batteries).
2. Digital media – e.g. – Compact Flash (CF) card, Secure Digital (SD) card, or other appropriate media for the camera in use.
3. Tripod (optional, but very useful!).
4. Electronic Flash (optional, but useful!).
5. Please bring the manual, memory card(s) and freshly charged batteries for your camera to every class!

Course Description

An introduction to the fundamentals of digital photography, including the operation of digital cameras and related hardware, the uses of the various digital media, and the basic functions of image editing software. Additional topics will include the basic principles of photographic aesthetics and composition, and the history of photography. Course content will consist of lectures and demonstrations, with an emphasis on hands-on learning through the application of digital techniques to sample photographs and to the student's own work. Upon satisfactory completion of the course, the student will have the requisite knowledge to determine the appropriate equipment, materials, and software to meet their basic photographic requirements. The student will know the basic functions and capabilities of common digital services and software, and the skills required to utilize those functions and capabilities.

Foundational Area of Knowledge

Human Creativity

Students will understand the complex layers of the creative process, its reflection of human society, and its power to impact. Students will work to

- critically analyze and interpret artistic and/or aesthetic expression
- develop skills in creative expression through creative work
- use their insights to articulate the role of creativity in the examination of the human condition



Course Learning Outcomes/Objectives

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

1. Understand the basic principles of photography, including: exposure, shutter speed, aperture, ISO, depth of field, lighting and composition. Understand the camera, lenses and other accessories.
2. Understand technology as applied to digital imaging, including: white balance, file formats (.jpeg, .tiff, RAW, NEFF, etc.), dynamic range, file transfer, file storage, care of digital storage media, image resolution, working with digital images and various image editing software.
3. Use digital images in presentations.
4. Capture digital images for class discussion.

Technology Requirements

For the successful use of Canvas please refer to Doane University's [minimum computer requirements](#). This may also include:

- Reliable computer and internet connection
- A web browser (Chrome or Mozilla Firefox)
- Adobe Acrobat Reader (free)
- Word processing software -Microsoft or Google Docs
- Webcam and mic

Syllabus Addendum

[Addendum](#) includes information regarding:

- Academic Support
- Military Friendliness & Services
- Study Time
- Credit Hour Definition
- Catalog and Policies

Technological Support

If you are in need of technical assistance, please contact the service center at 402-826-8411 or by email at help@doane.edu.

Learning Management System

Canvas: <https://doane.instructure.com>

Campus Network or Canvas Outage

When access to Canvas is not available for an extended period of time (greater than one entire evening - 6pm till 11pm) you can reasonably expect that the due date for assignments will be changed to the next day (assignment still due by midnight).