

# VCPH-1261: PHOTOGRAPHY I

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## Cuyahoga Community College

**Viewing: VCPH-1261 : Photography I**

**Board of Trustees:**

MARCH 2024

**Academic Term:**

Fall 2024

**Subject Code**

VCPH - VC-Photography

**Course Number:**

1261

**Title:**

Photography I

**Catalog Description:**

Explore photograph creation maximizing the capabilities of your digital camera using ambient lighting. A variety of photographic genres and their stylistic attributes are introduced. Assignments allow for the exploration of non-commercial photographic traditions, leading to an increase of understanding of high-resolution digital-capture, editing, post-production, and printing, each implementing proper photographic workflows. Critical thinking skills are strengthened to enhance photographic narratives. Students must have their own Digital Single-Lens Reflex (DSLR) or mirrorless, camera with removable lens, and manual controls including; aperture, shutter-speed, ISO, and RAW file capability. Note: Specified printing paper, portfolio box, Adobe Lightroom Classic, and external hard-drive required. Some

**Credit Hour(s):**

3

**Lecture Hour(s):**

2

**Lab Hour(s):**

3

## Requisites

**Prerequisite and Corequisite**

None

## Outcomes

**Course Outcome(s):**

A. Operate a digital camera, create well exposed images, understand the histogram and maximize its potential range, understand color space characteristics, color correct a digital file and produce a high-quality photographic print.

**Objective(s):**

1. Properly operate camera in aperture priority and manual modes.
2. Create properly exposed images.
3. Interpret the histogram of a file and understand its relationship to the tonal range of the image.
4. Utilize proper color management.
5. Perform color processing of a digital file.
6. Produce a high-quality photographic print.
7. Differentiate between file types and their impact on resolution.

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**Course Outcome(s):**

B. Apply critical thinking skills and use basic photographic vocabulary to provide constructive criticism of peer's work.

**Essential Learning Outcome Mapping:**

Critical/Creative Thinking: Analyze, evaluate, and synthesize information in order to consider problems/ideas and transform them in innovative or imaginative ways.

**Objective(s):**

1. Discuss the connection between the technical aspects of a photograph and its visual content and meaning.
  2. Accept a diverse range of aesthetic opinion and develop the skills of self-evaluation of one's own photographic work.
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**Methods of Evaluation:**

1. Visual assignment evaluation of photographic file/print
  - a. Technical parameters
  - b. Assignment parameters
  - c. Photographer's aesthetic
2. Independent measurable weekly progress
3. Unsolicited class participation - including for critiques
4. Final portfolio / working in a series (new work)
5. Artist statement
6. Attendance promptness

**Course Content Outline:**

1. Camera Operation
  - a. Aperture's relationship to depth of field
  - b. Shutter speed
  - c. Prevention of camera-shake
  - d. Stop motion
  - e. Motion Blur - subject blur / background fixed
  - f. Panning subject fixed / background blur
  - g. Lens focal lens
    - i. Wide normal telephoto qualities
    - ii. The value of a fast lens / small f-stop number
    - iii. Comparison of cropped sensor to full frame sensor regarding focal length
    - iv. Visual change in depth of field in fixed f-stop transitioning from wide-angle to telephoto lens
    - v. ISO camera sensor sensitivity's effect on image quality
    - vi. Maximizing output quality of a given camera
      1. Creation of your custom personal manual
      2. Camera mode
      3. Exposure metering
      4. Color metering
      5. Focus control
      6. Color profiles
      7. File format type - raw required
2. Post-Camera Operation
  - a. xHD basic folder management
  - b. Transferring files
  - c. Converting file format from RAW to Digital Negative (DNG)
  - d. Selecting only the current projects files to transfer from SD card
  - e. xHD general destination
  - f. Catalog creation
  - g. File Transfer renaming - implementation of a consistent naming system
  - h. Metadata creation
    - i. Project folder naming within Photo 1 folder
    - j. Double checking your work before you transfer
3. Editing of photographs - ranking and selecting (not digital post-production)
4. Image processing post-production / digital darkroom work

- a. Global adjustments
  - i. Color balance
  - ii. Mid-tones LR term is exposure
  - iii. Blacks
  - iv. Whites
  - v. Shadows
  - vi. Highlights
  - vii. Noise reduction
  - viii. Sharpening
  - ix. Transform
  - x. Restraint from using other slider tools in Photo I
- b. Local adjustments
  - i. Brush
  - ii. Radial dial
  - iii. Gradient
  - iv. Cloning / healing
5. Exporting
6. Uploading to Blackboard
7. Printing
  - a. Test prints - required
  - b. Adjustments in develop module - followed by a second test print
  - c. Large master print
8. The aesthetics of an exceptional photograph
  - a. Composition
  - b. Qualities of light
    - i. Hard / Soft
    - ii. Color on Kelvin scale
  - c. Motion
    - i. Stop motion - The decisive moment
    - ii. Motion blur
    - iii. Panning
9. Photograph content / intended audience
  - a. Societal awareness of photographer
  - b. Photographic genre documentary, fine art, photojournalism, consumer use, advertising, editorial, and/or forensic
  - c. Specific intended audience within a genre
10. Student critiques
  - a. Proper use of terminology by student
  - b. Active verbal participation without being called on
  - c. Ability to contribute to critiques verbally, with critical thinking and diplomacy
11. Student photographs created to fulfill course assignments
12. Final portfolio - new work within a series
13. Thoughtfully written artist statement to accompany portfolio

## Resources

Taylor, David. *e- The Advanced Photography Guide : The Ultimate Step-by-Step Manual for Getting the Most From Your Digital Camera*. First American edition. New York, New York: DK Publishing - Penguin Random House, 2018. 2018. <https://web-s-ebSCOhost-com.libauth.tri-c.edu/ehost/detail/detail?vid=7&sid=83d0919a-df79-4aca-a51a-6ae788c7a5e3%40redis&bdata=JnNpdGU9ZWVhc3QtbGl2ZQ%3d%3d#AN=1837844&db=nlebk>

## Resources Other

**Camera Simulator** <https://camerasim.com/original-camerasim/>

**Depth of Field Simulator** <https://dofsimulator.net/en/>

**Exposure Compensation Simulator** <http://bethcamera.com/>

**Manual Mode Simulator** <http://www.andersenimages.com/tutorials/exposure-simulator/>

**Composition** <https://christopherpjones.medium.com/art-fundamentals-composition-c75fff2a6de5>

**Motion** <https://www.canon-europe.com/get-inspired/tips-and-techniques/capturing-motion/>

**Camera + Lens reviews** <https://dofsimulator.net/en/>

**DVDs** from Tri-C VIS-COM reserve library

**Books** Tri-C library/OhioLink

**Lab facilities** digital photography labs, TLC ac labs

Additional readings may be given to supplement the textbook throughout the course of the semester.

## **Instructional Services**

### **OAN Number:**

Transfer Assurance Guide OAH002

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