PHOT 404A: PHOTOSHOP FOR PHOTOGRAPHERS I

Foothill College Course Outline of Record

<table>
<thead>
<tr>
<th>Heading</th>
<th>Value</th>
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<tbody>
<tr>
<td>Effective Term:</td>
<td>Summer 2023</td>
</tr>
<tr>
<td>Units:</td>
<td>0</td>
</tr>
<tr>
<td>Hours:</td>
<td>3 lecture, 3 laboratory per week (72 total per quarter)</td>
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<tr>
<td>Advisory:</td>
<td>PHOT 5 or 405 or equivalent.</td>
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<tr>
<td>Degree &amp; Credit Status:</td>
<td>Non-Degree-Applicable Non-Credit Course</td>
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<tr>
<td>Foothill GE:</td>
<td>Non-GE</td>
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<tr>
<td>Transferable:</td>
<td>None</td>
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<tr>
<td>Grade Type:</td>
<td>Non-Credit Course (Receives no Grade)</td>
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<tr>
<td>Repeatability:</td>
<td>Unlimited Repeatability</td>
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Student Learning Outcomes

- A successful student will define digital photography terminology and identify basic image editing software features and their proper use.
- A successful student will create photo-based artwork that demonstrates proficiency in the beginning level digital photography techniques covered in course materials.

Description

Introduction to the tools for expressive communication in digital photography using Adobe Photoshop and Adobe Photoshop Lightroom. Development of skills in image capture, enhancement, printing, and web publishing, for both fine art and commercial applications.

Course Objectives

The student will be able to:

- a. Demonstrate ability to use digital imaging software
- b. Demonstrate ability to use current computer hardware
- c. Create hard copy photographic images for portfolio presentation and web appropriate images for electronic publishing
- d. Discuss and describe expanding visual awareness
- e. Demonstrate an awareness of basic photographic principles underlying the new technologies and the ability to apply these interdisciplinary principles in the sciences and fine arts
- f. Demonstrate understanding of ethics of the new technologies, including the principles of truthfulness in images, copyright, and appropriation
- g. Recognize contributors from diverse cultures and backgrounds to contemporary electronic imaging

Course Content

a. Introduction to digital image technology
   i. History of imaging from silver to pixel
   ii. Terminology of the digital darkroom
   iii. Future of imaging and directions in technologies
   iv. Ethics of digital manipulation, copyright issues, appropriation in modern artistic expression and in commercial applications
   v. Contribution from diverse cultures and individuals to the advance of electronic technologies
b. Digital imaging hardware
   i. The computer
      1. Platform choices
   ii. Memory requirements for working with images
   iii. Digital cameras (brief overview)
   iv. Scanners for negatives, prints, objects
   v. Printers (input, output and WYSIWYG)
c. Introduction to the software
   i. File formats and their uses
   ii. Digital imaging software menus and tools and their use
      1. The brush tools (healing brush, spot healing brush, patch, clone tool/rubber stamp, paint brush, eraser)
      2. Selection tools (marque, magic wand, lasso, and their modifiers)
      3. Editing tools (cut paste, rotate, scale, crop)
      4. Basic adjustments (levels, curves, brightness/contrast)
   iii. Resolution
   iv. Color controls
   v. Selection controls
   vi. Filters and special effects
   vii. History panel
   viii. Layers and blending modes
   ix. Use of type in Photoshop
   x. Automate menu and actions
d. Organizing and archiving images
   i. Rating systems and methods
   ii. Keywords and other metadata
   iii. File management
e. Using digital imagery to make artwork of meaning and intention
   i. Effective communication through digital imaging
   ii. Truthfulness in digital imaging
   iii. Formal and alternative presentation of the digital image

Lab Content

a. Assignments and exercises that practice digital imaging techniques
b. Assignments and exercises that practice the use of digital imaging vocabulary
c. Assignments and exercises that practice the use of printing and other output methods
d. Preparation of professionally presented photographs using both matting framing and digital presentation techniques
e. Visit and review photography exhibitions in museums and galleries
f. Exercises that have students make revisions or corrections and edit their photographs
g. Critiques and evaluation of assignments and exercises

Special Facilities and/or Equipment

1. A lecture room equipped with color LCD overhead projector for displaying projected computer monitor displays; an instructional computer with high resolution monitor, scanner, color printer, and Adobe Photoshop/Lightroom software; lighting and wall space suitable for
displaying and critiquing hard-copy output. An integrated or separate facility for student computer time.

2. When taught via Foothill Global Access: on-going access to computer with JavaScript-enabled internet browsing software, media plug-ins, and relevant computer graphics applications and email software; email address.

**Method(s) of Evaluation**

Methods of Evaluation may include but are not limited to the following:

- Critiques of digital photographs
- Instructor’s review of student’s on-going work
- Review of student’s participation in discussion and critiques, laboratory performance
- Written paper(s) on current issues in digital photography
- Quizzes/tests

**Method(s) of Instruction**

Methods of Instruction may include but are not limited to the following:

- Lectures on the techniques of digital imaging software and digital photography
- Discussion and electronic discussions/chat using the language of digital imaging and photographic/artistic critiques
- Demonstrations of digital imaging software and digital photography
- Field trips to visit photographic, artistic, and technical locations

**Representative Text(s) and Other Materials**


Access to Adobe Photoshop and Lightroom software

**Types and/or Examples of Required Reading, Writing, and Outside of Class Assignments**

a. Reading of the textbook
b. Review of handouts and relevant reading material
c. Review of tutorial videos
d. Research and planning of individual creative projects
e. Written assignment statement
f. Written portfolio statement
g. Written critiques of student work
h. Written report of attending a photography exhibition or event

**Discipline(s)**

Photography