Course Syllabus

Department: Visual & Performing Arts

Date: 1/17/14

I. Course Prefix and Number: DIG 110

Course Name: Digital Photography

Credit Hours and Contact Hours: 3 credits, 4 contacts

Catalog Description including pre- and co-requisites:
This course is designed to provide an introduction to digital photography and will cover the creative process and appreciation of methods of artistic expression through projects and exercises. The course will cover the parts of the camera and how they are used, technical and practical aspects of the digital camera, the composition of photographs using principles of art, critical analysis of photographs through peer critique and the study of notable artists, the use of image editing software for editing and manipulating photographs, and output options. The class will also cover basic techniques for improving picture quality. (Also listed as ART 110)

Relationship to Academic Programs and Curriculum including SUNY Gen Ed designation if applicable:
This course is designed to prepare students for transfer to a four-year program in communications, broadcasting, animation, photography, design or new media and for employment in the media production field. This course gives students an introduction to, and experience performing, the basic skills required of an entry-level media employee.

This course can be taken for SUNY Gen. Ed. credit in the arts knowledge and skill area and is recommended to fulfill Gen. Ed. In Arts requirement for New Media and Art programs.

II. Course Student Learning Outcomes:
At the completion of the course the student will be able to:
- Apply knowledge of digital imaging technical theory.
- Demonstrate skills in digital capture.
- Demonstrate skills in digital image editing.
- Demonstrate skills in preparing files for image output.
- Demonstrate the creative range of digital editing software.
- Identify basic digital photography terminology
- Discuss the potential and limitations of digital cameras
- Identify general menu systems on digital cameras
- Demonstrate basic camera operations
- Describe relationship of light to imaging
- Apply basic concepts of editing
- Identify the stages of digital imaging
- Describe output differences from print, screen, projection, web and mobile
• Critically analyze works of art within the media and historical practice of photography
• Employ basic principles of art and design relevant to shooting and editing processes
• Demonstrate control of formal elements to support conceptual intent
• Adapt concepts of composition and exposure to develop one’s own artistic expression

**College Learning Outcomes Addressed by the Course:** *(check each College Learning Outcome addressed by the Student Learning Outcomes)*

- [ ] writing
- [X] oral communications
- [X] reading
- [ ] mathematics
- [X] critical thinking
- [X] computer literacy
- [X] ethics/values
- [ ] citizenship
- [ ] global concerns
- [ ] information resources

**III. Assessment Measures** *(Summarize how the college and student learning outcomes will be assessed): For each identified outcome checked, please provide the specific assessment measure.*

<table>
<thead>
<tr>
<th>List identified College Learning Outcomes(s)</th>
<th>Specific assessment measure(s)</th>
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</thead>
<tbody>
<tr>
<td>Critical thinking/computer literacy</td>
<td>Homework assignments requiring shooting and editing photographs.</td>
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<tr>
<td>Reading/critical thinking/computer literacy</td>
<td>Students will complete hands-on activities and reading assignments using adobe creative suite.</td>
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<tr>
<td>Oral communications/ critical thinking/computer literacy/information resources/ ethics/values</td>
<td>Students will complete projects, which must be shot to specifications and presented to peers. Students will also be responsible for giving each other constructive criticism.</td>
</tr>
<tr>
<td>Writing / reading / critical thinking</td>
<td>Written tests and quizzes based on software and reading assignments.</td>
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**IV. Instructional Materials and Methods**

**Types of Course Materials:**

Textbooks, Digital camera, Memory Card

**Methods of Instruction (e.g. Lecture, Lab, Seminar …):**

Lectures, Demonstrations, Discussions, and Critique sessions
V. General Outline of Topics Covered:

Understanding concepts of exposure
Understanding parts of the camera
Understanding techniques to different types of shooting situations
Understanding different ways to shoot motion
Understanding control over depth of field
Understanding the rules of composition when shooting
Understanding of menus on typical cameras
Understanding of image editing software Adobe Photoshop and/or Lightroom
Understanding of basic lighting
Understanding of storage options
Understand options for output from print to web
Understand vocabulary as it relates to industry and theory
Understand the ways in which to communicate concept through the visual language of photography