COURSE DESCRIPTION
Explores the techniques and applications of digital image capture, manipulating images in Photoshop and outputting digital images. Focuses on the technical aspect of digital photography, lighting needs, application use and color management basics. Project based instruction utilizing basic photographic concepts, commercially and creatively.

Prerequisite: GRA 130 and GRA 103 with a grade of C or better or consent of coordinator.

TOPICAL OUTLINE
I. Understand digital photographic concepts
II. Overview of digital uses in photography and its commercial needs
III. Understand pros and limitations of digital photography
IV. Learn lighting techniques, styling and setup
V. Utilize Photoshop software with image capture for manipulation
VI. Projects including different genres of photography
VII. Understand the photographic needs in the graphic arts arena

METHODS OF PRESENTATION
1. Power Point Lecture
2. In-class lab work
3. Problem solving and discussion

STUDENT OUTCOMES (The student should be able to . . .)
1. demonstrate knowledge of photographic principles through projects.
2. understand digital photography as it relates to graphic art as well as fine art.
3. understand digital applications used in image capture.
4. learn lighting needs in a digital environment.
5. understand photographic print production and basic color management.

METHODS OF EVALUATION
1. Lab assignments/projects
2. Tests and quizzes

TEXTBOOKS/INSTRUCTIONAL MATERIALS

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