

Montgomery County Community College  
 ART 158  
 Digital Photography: Studio Lighting  
 3-2-2

**COURSE DESCRIPTION:**

This foundation course presents a systematic exploration of lighting techniques for students who want to concentrate on understanding and applying principles of lighting to improve their photography. Students are introduced to the fundamentals of lighting and provided an overview of techniques for lighting a variety of situations. Through demonstrations, lighting exercises and assignments, students learn the essential characteristics of hot lights, flash, natural light, appropriate camera settings, and the use of light modifiers and reflectors. This is a participatory class in which students are encouraged to photograph extensively and enter into a discourse of discovery.

**REQUISITES:**

*Previous Course Requirements*

- ART 151 Basic Photography or 155 Digital Photography

*Concurrent Course Requirements*

None

LEARNING OUTCOMES Upon successful completion of this course, the student will be able to:	LEARNING ACTIVITIES	EVALUATION METHODS
1. Manage the photography studio process.	Set-up lighting equipment to complete assignments.	Performance Evaluation of student.
2. Demonstrate the use of lighting principles with studio flash and natural light for portraits and small products.	Photograph portraits and products during class.	Student Demonstrate lighting techniques and proficiency with lighting equipment.
3. Sort and batch process volume images.	Computer lab image processing.	Student demonstrates competencies using imaging software.
4. Create image composites while working with Photoshop selections and masking.	Replace backgrounds and assemble multiple images into one image using Photoshop.	Student Critiques.

At the conclusion of each semester/session, assessment of the learning outcomes will be completed by course faculty using the listed evaluation method(s). Aggregated results will be submitted to the Associate Vice President of Academic Affairs. The

benchmark for each learning outcome is that *70% of students will meet or exceed outcome criteria.*

#### SEQUENCE OF TOPICS:

1. Course Introduction.
2. How to manage the responsibilities of operating a photography studio.
3. Set-up and utilize photography flash and hot light equipment and accessories.
4. Photograph portraits and products.
5. Prepare finished work for presentation.

#### LEARNING MATERIALS:

Students must supply their own digital camera, on-camera flash and digital storage media.

The instructor will provide a complete supply list.

Light Science & Magic, 5<sup>th</sup> Edition, Focal Press, by Fil Hunter, Steven Biver, and Paul Fugua.

#### COURSE APPROVAL:

Prepared by: Michael Price

Date: 11/10/2015

VPAA/Provost Compliance Verification:

Date: 11/11/2015

Prepared by: Frank Short

Date: 08/10/2017

VPAA/Provost Compliance Verification:

Victoria Bastecki-Perez, Ed. D.

Date: 08/12/2017

Revised by: Frank Short and Debbie Dalrymple

Date: 12/17/2017

VPAA/Provost or designee Compliance Verification:

Date: 12/19/2017



*This course is consistent with Montgomery County Community College's mission. It was developed, approved and will be delivered in full compliance with the policies and procedures established by the College.*