

Montgomery County Community College
 ART 156
 Digital Photography II
 3-2-2

COURSE DESCRIPTION:

Students create new photographic works in a digital environment, developing effective and nondestructive workflows for image editing, sorting, and organizing. Students will learn advanced digital retouching techniques and explore the capabilities of the electronic darkroom. Investigating creative and technical skills such as Camera RAW processing, students will acquire skills in advanced tonal and color correcting, and local image adjustments using selection and masking techniques. Studio lighting for portraits and commercial product photography will also be addressed. This course is subject to a course fee. Refer to <http://mc3.edu/adm-fin-aid/paying/tuition/course-fees> for current rates.

REQUISITE(S):

Previous Course Requirements

- ART 155 Digital Photography I

Concurrent Course Requirements

None

LEARNING OUTCOMES Upon successful completion of this course, the student will be able to:	LEARNING ACTIVITIES	EVALUATION METHODS
1. Describe visual concepts and technical processes and express them using appropriate vocabulary.	Lectures and Group Discussions In-Class Presentations of Student Work Slide Presentations Tutorials Demonstrations of Digital Imaging Tools and Techniques Assignments Image Processing and Retouching	Individual and Group Critiques Portfolio Reviews

LEARNING OUTCOMES	LEARNING ACTIVITIES	EVALUATION METHODS
2. Examine and compare culturally diverse and historically significant examples of photography.	Lectures and Group Discussions In-Class Presentations of Student Work Slide Presentations Assignments	Individual and Group Critiques Portfolio Reviews
3. Demonstrate competency in the use of the camera, studio equipment and imaging software.	Lectures and Group Discussions Tutorials Demonstrations of Digital Imaging Tools and Techniques Assignments Image Processing and Retouching	Individual and Group Critiques Portfolio Reviews
4. Design and compose photographs that incorporate creativity in artistic expression, and technical/conceptual problem solving.	Lectures and Group Discussions In-Class Presentations of Student Work Slide Presentations Tutorials Assignments Image Processing and Retouching	Individual and Group Critiques Portfolio Reviews
5. Analyze and critically evaluate photographs using descriptive and critical observation skills to critique, argue, and defend one's own work and work created by others.	Lectures and Group Discussions In-Class Presentations of Student Work Slide Presentations	Individual and Group Critiques Portfolio Reviews
6. Create a portfolio of work that applies the knowledge, techniques, and perceptual skills addressed in the studio.	Lectures and Group Discussions In-Class Presentations of Student Work Slide Presentations Tutorials Demonstrations of Digital Imaging Tools and Techniques Assignments Image Processing and Retouching	Individual and Group Critiques Portfolio Reviews

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:

Students who successfully complete this course will have an in depth understanding of retouching digital images in Photoshop, processing images in Bridge, and completing photography assignments.

1. Using Bridge Sorting, Searching, Arranging, Deleting, Rotating, Filtering, Metadata, and Batch Processing
2. Setting Preferences, Color Space, White Balance and Color Management
3. Bit Depth
4. Camera RAW Opening RAW, JPEG, and TIFF Images in Camera RAW, White Balance, Exposure, Auto Correct, Contrast, Color, Crop, Editing Multiple Images at Once
5. Color, Contrast, and Common Problems, Global and Local Adjustment Layers, Exposure, Colorcasts, and Sharpening
6. Using Selections and Masking Tools
7. Creating Special Effects
8. Color Conversion, Filters, Blending Modes, HDR, Custom Borders, and Type
9. Portrait Retouching, Skin Tone, Blemishes, Hair, Eyes, and Softening
10. Creating Panoramas

LEARNING MATERIALS:

Required text:

Adobe Photoshop CS5 Classroom in a Book

Paperback: 464 pages Publisher: Adobe Press; 1 Pap/Dvdr edition (June 6, 2010)

Language: English ISBN-10: 0321701763 ISBN-13: 978-0321701763 Product

The textbook is an advanced book presenting a comprehensive overview of how to work effectively in Photoshop, and is photography specific. It teaches Photoshop workflow to help students understand Photoshop at a deep level. The textbook shows specific steps so students can work on their images while reading.

Light - Science & Magic: An Introduction to Photographic Lighting, Third Edition

Fil Hunter, Steven Biver, Paul Fuqua

ISBN-13: 9780240808192 / ISBN-10: 0240808193, Publisher: Focal Press, Copyright: 2007

Format: Paper Bound; 308 pp.

The textbook is a classic text on photographic lighting principles. The book is based on the behavior of light, how to use light modifiers, and how the textbook will be supplemented with additional weekly readings that follow the topic for the week. Other

materials may be required and may be made available directly to the student or via the college's library reserve or its computer network.

Course will make extensive use of Photographic Images in addition to those available in the book. These will be presented weekly and posted using the BlackBoard system for additional study.

TECHNICAL INSTRUCTION:

Students will participate in several technical demonstrations of basic photographic processes, including the building of a pinhole camera.

FIELD TRIPS:

One or two field trips to be scheduled as a group to a major museum to view the photography collection, Field trips will be scheduled to take advantage of current exhibitions in the Philadelphia area.

Other learning materials may be required and made available directly to the student and/or via the College's Libraries and/or course management system.

COURSE APPROVAL:

Prepared by: Walter Plotnick, Frank Short	Date: 11/5/2010
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VPAA/Provost or designee Compliance Verification: Victoria L. Bastecki-Perez, Ed.D.	Date: 4/19/2011
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Revised by: Frank Short	Date: 5/17/2013
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VPAA/Provost or designee Compliance Verification: Victoria L. Bastecki-Perez, Ed.D.	Date: 7/11/2013
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Revised by: Frank Short	Date: 8/7/2017
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VPAA/Provost or designee Compliance Verification: Victoria L. Bastecki-Perez, Ed.D.	Date: 8/7/2017
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Revised by: Debbie Dalrymple	Date: 12/17/2017
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VPAA/Provost or designee Compliance Verification:	Date: 12/19/2017
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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.