

Washtenaw Community College Comprehensive Report

PHO 129 Black and White Digital Imaging Effective Term: Spring/Summer 2024

Course Cover

College: Business and Computer Technologies

Division: Business and Computer Technologies

Department: Digital Media Arts (new)

Discipline: Photography

Course Number: 129

Org Number: 14530

Full Course Title: Black and White Digital Imaging

Transcript Title: Black & White Digital Imaging

Is Consultation with other department(s) required: No

Publish in the Following: College Catalog , Time Schedule , Web Page

Reason for Submission:

Change Information:

Course description

Rationale: Clarity of the course description. We are adding PHO 111 as a prerequisite because students need to have basic proficiency using a digital camera and have basic proficiency in the Lightroom Classic software.

Proposed Start Semester: Winter 2024

Course Description: In this course, students will explore a variety of methods and strategies for making monochrome and color-toned black and white images using digital processes. Students learn to optimize camera settings and exposure, in addition to using monochrome adjustments in various software applications. Emphasis will be on learning communicative expression in photography and working with a variety of papers and print sizes.

Course Credit Hours

Variable hours: No

Credits: 4

Lecture Hours: Instructor: 45 **Student:** 45

Lab: Instructor: 45 **Student:** 45

Clinical: Instructor: 0 **Student:** 0

Total Contact Hours: Instructor: 90 **Student:** 90

Repeatable for Credit: NO

Grading Methods: Letter Grades

Audit

Are lectures, labs, or clinicals offered as separate sections?: NO (same sections)

College-Level Reading and Writing

College-level Reading & Writing

College-Level Math

No Level Required

Requisites**Prerequisite**

PHO 111 minimum grade "C-"

General Education**Request Course Transfer**

Proposed For:

Student Learning Outcomes

1. Create neutral and toned black and white digital images using advanced camera, processing and printing methods.

Assessment 1

Assessment Tool: Portfolio evaluation

Assessment Date: Winter 2026

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 75% of the students will score 75% or higher.

Who will score and analyze the data: Departmental faculty

2. Demonstrate visual problem-solving skills in black and white photography by creating photographs which communicate ideas.

Assessment 1

Assessment Tool: Outcome-related assignment

Assessment Date: Winter 2026

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 75% of the students will score 75% or higher.

Who will score and analyze the data: Departmental faculty

3. Identify processing and printing concepts and methods for black and white digital photography.

Assessment 1

Assessment Tool: Outcome-related written exam

Assessment Date: Winter 2026

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Answer key

Standard of success to be used for this assessment: 75% of the students will score 70% or higher.

Who will score and analyze the data: Departmental faculty

Course Objectives

1. Identify the Zone System of exposure and development in terms of digital imaging parameters and methods.
2. Make professional quality prints on fine art paper using archival materials.
3. Create photographs using at least two different toning methods.

4. Communicate ideas by creating monochromatic and color-toned photographs.
5. Describe the concept of correct exposure using a digital camera.
6. Optimize digital camera settings for black and white photography.
7. Use color toning to create depth in a black and white photograph.
8. Produce a set of theme-based images maximizing the potential of software processing and printing methods shown in class.
9. Implement the use of histograms in creating photographs.

New Resources for Course

Course Textbooks/Resources

Textbooks
Manuals
Periodicals
Software

Equipment/Facilities

Computer workstations/lab

<u>Reviewer</u>	<u>Action</u>	<u>Date</u>
Faculty Preparer: <i>Terry Abrams</i>	<i>Faculty Preparer</i>	<i>Jun 20, 2023</i>
Department Chair/Area Director: <i>Jason Withrow</i>	<i>Recommend Approval</i>	<i>Jun 22, 2023</i>
Dean: <i>Eva Samulski</i>	<i>Recommend Approval</i>	<i>Jun 26, 2023</i>
Curriculum Committee Chair: <i>Randy Van Wagnen</i>	<i>Recommend Approval</i>	<i>Jan 07, 2024</i>
Assessment Committee Chair: <i>Jessica Hale</i>	<i>Recommend Approval</i>	<i>Jan 08, 2024</i>
Vice President for Instruction: <i>Brandon Tucker</i>	<i>Approve</i>	<i>Jan 09, 2024</i>

Washtenaw Community College Comprehensive Report

PHO 129 Black and White Digital Imaging Effective Term: Winter 2017

Course Cover

Division: Business and Computer Technologies

Department: Digital Media Arts

Discipline: Photography

Course Number: 129

Org Number: 14530

Full Course Title: Black and White Digital Imaging

Transcript Title: Black & White Digital Imaging

Is Consultation with other department(s) required: No

Publish in the Following: College Catalog , Time Schedule , Web Page

Reason for Submission: Course Change

Change Information:

Consultation with all departments affected by this course is required.

Course description

Pre-requisite, co-requisite, or enrollment restrictions

Rationale: Prerequisite of PHO 127 no longer needed due to changes in course software.

Proposed Start Semester: Winter 2017

Course Description: In this course, students explore a variety of methods and strategies for making monochrome and color-toned black and white images using digital processes.

Students learn to optimize digital camera settings for black and white, optimize exposure and processing in Lightroom, Nik and Photoshop software applications, convert color images to monochrome, apply a variety of color and toning techniques and utilize modern printing technologies.

Course Credit Hours

Variable hours: No

Credits: 4

Lecture Hours: Instructor: 45 Student: 45

Lab: Instructor: 45 Student: 45

Clinical: Instructor: 0 Student: 0

Total Contact Hours: Instructor: 90 Student: 90

Repeatable for Credit: NO

Grading Methods: Letter Grades

Audit

Are lectures, labs, or clinicals offered as separate sections?: NO (same sections)

College-Level Reading and Writing

College-level Reading & Writing

College-Level Math

No Level Required

Requisites

General Education

Request Course Transfer

Proposed For:

Student Learning Outcomes

1. Create neutral and toned black and white digital images using advanced camera, processing and printing methods.

Assessment 1

Assessment Tool: Portfolio evaluation

Assessment Date: Fall 2016

Assessment Cycle: Every Three Years

Course section(s)/other population: All sections

Number students to be assessed: A random sample of 50% of the students up to a maximum of 20.

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 75% of the students will score an average of 2 of 3 or higher.

Who will score and analyze the data: Departmental faculty

2. Demonstrate visual problem solving skills in black and white photography by creating photographs which communicate ideas.

Assessment 1

Assessment Tool: Portfolio evaluation

Assessment Date: Fall 2016

Assessment Cycle: Every Three Years

Course section(s)/other population: All sections

Number students to be assessed: A random sample of 50% of the students up to a maximum of 20.

How the assessment will be scored: Departmentally-developed rubric.

Standard of success to be used for this assessment: 75% of the students will score an average of 2 of 3 or higher.

Who will score and analyze the data: Departmental faculty.

3. Identify processing and printing concepts and methods for black and white digital photography.

Assessment 1

Assessment Tool: Written exam.

Assessment Date: Fall 2016

Assessment Cycle: Every Three Years

Course section(s)/other population: All sections

Number students to be assessed: All students

How the assessment will be scored: Answer key

Standard of success to be used for this assessment: 75% of the students will score an average of 70% or higher.

Who will score and analyze the data: Departmental faculty

Course Objectives

1. Process digital files using Adobe Camera Raw and scanning software for advanced tone control.
2. Identify the Zone System of exposure and development in terms of digital imaging parameters and methods.
3. Make professional quality prints on fine art paper using archival materials.
4. Create photographs demonstrating the successful use of at least three contrast control techniques.
5. Create photographs using at least two different toning methods.
6. Identify the concept of metamerism.
7. Communicate ideas by creating monochromatic and color-toned photographs.

8. Describe the concept of correct exposure using a digital camera.
9. Constructively evaluate photographs in critique.
10. Optimize digital camera settings for black and white photography.
11. Use software tone adjustment controls (such as levels, curves, layer masks, shadow/highlight) to produce excellent black and white photographs.
12. Use color toning to create depth in a black and white photograph.
13. Produce a set of theme-based images maximizing the potential of printing methods shown in class.
14. Print black and white photographs using both color profiles and specialized black and white software.
15. Use at least two different methods to convert color images to black and white.

New Resources for Course

Course Textbooks/Resources

Textbooks

Kelby, Scott. *The Adobe Photoshop CS5 Book for Digital Photographers*, 1 ed. New Riders Press, 2010, ISBN: 0321703561.

Manuals

Periodicals

Software

Equipment/Facilities

Computer workstations/lab

<u>Reviewer</u>	<u>Action</u>	<u>Date</u>
Faculty Preparer: <i>Terry Abrams</i>	<i>Faculty Preparer</i>	<i>Mar 02, 2016</i>
Department Chair/Area Director: <i>Ingrid Ankersen</i>	<i>Recommend Approval</i>	<i>Mar 03, 2016</i>
Dean: <i>Kimberly Hurns</i>	<i>Recommend Approval</i>	<i>Mar 04, 2016</i>
Curriculum Committee Chair: <i>Kelley Gottschang</i>	<i>Recommend Approval</i>	<i>Mar 31, 2016</i>
Assessment Committee Chair:		
Vice President for Instruction: <i>Michael Nealon</i>	<i>Approve</i>	<i>Apr 06, 2016</i>