

# COURSE SYLLABUS

<b>LAST REVIEW</b>	Spring 2021
<b>COURSE TITLE</b>	Intermediate Photoshop
<b>COURSE NUMBER</b>	DIGI 0116
<b>DIVISION</b>	Arts, Communications, and Humanities
<b>DEPARTMENT</b>	DIGI
<b>CIP CODE</b>	10.0303
<b>CREDIT HOURS</b>	3.00
<b>CONTACT HOURS/WEEK</b>	Class: 3.00                      Lab: X                      Clinical: X
<b>PREREQUISITES</b>	DIGI 0115 Beginning Photoshop

**COURSE PLACEMENT** Students must meet the correct placement measure for this course. Information may be found at:  
<https://www.kckcc.edu/admissions/information/mandatory-evaluation-placement.html>

## COURSE DESCRIPTION

Students will acquire a working knowledge of the tools and techniques of Adobe Photoshop, as they are applied to graphic design, multi-media and other studio art applications. It is intended to build on the Beginning Photoshop course. The course will cover advanced operation of tools and palettes, image size/resolution relationships, file formats, preparing and optimizing images for print and web, masks, paths, channels, adjustment filters, layer styles, smart objects and smart filters.

## KANSAS SYSTEMWIDE TRANSFER: DIGI0116

The learning outcomes and competencies detailed in this course outline or syllabus meet or exceed the learning outcomes and competencies specified by the Kansas Core Outcomes Groups project for this course as approved by the Kansas Board of Regents.

## PROGRAM ALIGNMENT

This course is part of a program aligned through the Kansas Board of Regents and Technical Education Authority. For more information, please visit:  
[https://kansasregents.org/workforce\\_development/program-alignment](https://kansasregents.org/workforce_development/program-alignment)

### **General Education Learning Outcome**

- Basic Skills for Communication
- Mathematics
- Humanities
- Natural and Physical Sciences
- Social and Behavioral Sciences

### **Institutional Learning Outcomes**

- Communication
- Computation and Financial Literacy
- Critical Reasoning
- Technology and Information Literacy
- Community and Civic Responsibility
- Personal and Interpersonal Skills

### **TEXTBOOKS**

<http://kckccbookstore.com/>

### **METHODS OF INSTRUCTION**

A variety of instructional methods may be used depending on content area. These include but are not limited to: lecture, multimedia, cooperative/collaborative learning, labs and demonstrations, projects and presentations, speeches, debates, panels, conferencing, performances, and learning experiences outside the classroom. Methodology will be selected to best meet student needs.

### **COURSE OUTLINE**

- I. Review of Beginning Photoshop material
- II. Producing and Printing Consistent Color
  - A. Proofing an image
  - B. Using adjustment layers for print output
  - C. Identifying out-of-gamut colors
  - D. Selecting print options
  - E. Printing output
- III. In-depth Photographic Restoration
  - A. Effectively use the Healing Brush and Spot Healing Brush
  - B. Effectively use the Clone Stamp
  - C. Effective use of the Patch Tool and Content-Aware Patch Tool
  - D. Effective use of the Content-Aware Move Tool
  - E. Proper use of non-destructive repair techniques
- IV. Smart Objects and Non-destructive Compositing
  - A. Creation of Smart Objects for scaling
  - B. Proper use of Smart Filters
  - C. Proper use of built-in masks for adjustment layers

- D. Creating channel masks for fine-edge selections
- E. Proper use of Smart Radius and Refine Mask options
- F. Proper use of Neutral Layers
- V. Preparing Images for Two-Color Printing
  - A. Printing in color
  - B. Using channels and the channels palette
  - C. Mixing color channels
  - D. Assigning values to the black and white points
  - E. Setting up for spot color
  - F. Adding spot color
  - G. Creating two-color web graphics
- VI. Optimizing Images for the Web
  - A. Optimizing a JPEG image
  - B. Optimizing a GIF image
  - C. Controlling dither
  - D. Specifying background transparency
  - E. Creating an image map
- VII. Creating Web Graphics Using Slices and Rollovers
  - A. Intro to slices
  - B. Slicing images
  - C. Optimizing slices
  - D. Creating rollovers
  - E. Previewing in a web browser
- VIII. Course overview and review

## **COURSE LEARNING OUTCOMES AND COMPETENCIES**

Upon successful completion of this course, the student will:

- A. Produce and print consistent color
- B. Non-destructively restore an image.
- C. Smart Objects and non-destructive compositing.
- D. Prepare images for two color printing.
- E. Optimize images for the web
- F. Create web graphics using slices and rollovers.
- G. Design basic web pages.

## **COURSE COMPETENCIES:**

### ***Produce and Print Consistent Color***

1. The student will be able to proof an image.
2. The student will be able to identify out-of-gamut colors.
3. The student will be able to adjust an image and print a proof.
4. The student will be able to successfully print in color.

### ***Non-destructive Image Restoration***

5. The student will be able to select the proper repair tool for the type of restoration.
6. The student will be able to use the Healing Brush and Spot Healing Brush.
7. The student will be able to use the Clone Stamp Tool.
8. The student will be able to use the Patch Tool and Content-Aware Patch Tool.
9. The student will be able to use the Content-Aware Move Tool.
10. The student will be able to use the most effective non-destructive method based on the \_\_\_\_\_ type of restoration.

### ***Smart Objects and Non-destructive Compositing***

11. The student will be able to create Smart Objects for scaling.
12. The student will be able to apply Smart Filters.
13. The student will be able to effectively edit built-in masks on adjustment layers.
14. The student will be able to create channel masks for fine-edge selections.
15. The student will be able to use the Smart Radius and Refine Mask options.
16. \_\_\_\_\_ The student will be able to effectively use Neutral Layers

### ***Prepare Images for Two-Color Printing***

17. The student will be able to use channels and the channels palette.
18. The student will be able to mix color channels.
19. The student will be able to assign values to the black and white points.
20. The student will be able to add spot color.
21. The student will be able to create two-color graphics.

### ***Optimize Images for the Web***

22. The student will be able to optimize a JPEG image.
23. The student will be able to optimize a GIF image.
24. The student will be able to create an image map.
25. The student will be able to control dither
26. The student will be able to specify background transparency.

### ***Create Web Graphics using Slices and Rollovers***

27. The student will be able to create an image slice.
28. The student will be able to create rollovers.
29. The student will be able to preview in a web browser.
30. The student will be able to optimize slices.

## **ASSESSMENT OF COURSE LEARNING OUTCOMES AND COMPETENCIES**

Student progress is evaluated through both formative and summative assessment methods. Specific details may be found in the instructor's course information document.

## **COLLEGE POLICIES AND PROCEDURES**

*Student Handbook*

<https://www.kckcc.edu/files/docs/student-resources/student-handbook-and-code-of-conduct.pdf>

*College Catalog*

<https://www.kckcc.edu/academics/catalog/index.html>

*College Policies and Statements*

<https://www.kckcc.edu/about/policies-statements/index.html>

*Accessibility and Accommodations*

<https://www.kckcc.edu/academics/resources/student-accessibility-support-services/index.html>.