



**COWLEY COLLEGE
& Area Vocational Technical School**

COURSE PROCEDURE FOR

**Digital Imaging (Photoshop)
CGA2030 3 Credit Hours**

Student Level:

This course is open to students on the college level in either the freshman or the sophomore year.

Catalog Description:

CGA2030 – DIGITAL IMAGING (Photoshop) (3 hr)

The goal of this course is to explore fundamental techniques in Photoshop. Ideal for students eager to explore Photoshop, work with layer techniques, gain an understanding of how to do basic photo repairs and color enhancements.

Prerequisites:

None

Controlling Purpose:

The goal of this course is to explore fundamental techniques in Photoshop. Ideal for students eager to explore Photoshop, work with layer techniques, gain an understanding of how to do basic photo repairs and color enhancements.

Learner Outcomes:

Upon successful completion of this course, the student will be able to do the following:

- Apply critical thinking skills to solve visual problems using Adobe Photoshop
- Demonstrate knowledge of Adobe Photoshop by selecting and applying appropriate tools to complete a variety of specific graphic design exercises
- Demonstrate knowledge of specific technical issues relative to the of raster files including resolution, prep for internet use, and output (print issues)
- Demonstrate knowledge of how Adobe Photoshop is used by designers for a variety of production processes including WEB, Multi-media and Print.

Units Outcomes and Criterion Based Evaluation Key for Core Content:

The following outline defines the minimum core content not including the final examination period. Instructors may add other material as time allows.

Evaluation Key:

A = All major and minor goals have been achieved and the achievement level is considerably

- above the minimum required for doing more advanced work in the same field.
- B = All major goals have been achieved, but the student has failed to achieve some of the less important goals. However, the student has progressed to the point where the goals of work at the next level can be easily achieved.
- C = All major goals have been achieved, but many of the minor goals have not been achieved. In this grade range, the minimum level of proficiency represents a person who has achieved the major goals to the minimum amount of preparation necessary for taking more advanced work in the same field, but without any major handicap of inadequacy in his background.
- D = A few of the major goals have been achieved, but the student's achievement is so limited that he is not well prepared to work at a more advanced level in the same field.
- F = Failing, will be computed in GPA and hours attempted.
- N = No instruction or training in this area.

UNIT 1: GETTING STARTED WITH PHOTOSHOP

Outcomes: Upon completion of the unit, the students will have the ability to successfully navigate the Photoshop interface

A	B	C	D	F	N	Specific Competencies - Demonstrate the ability to:
						Navigate the Photoshop interface
						Manipulate menus and panels
						Create new files and open existing files
						Set preferences
						Link type areas.
						Design type so that it wraps around graphic objects.
						Print an Illustrator file: composites and color separations.

UNIT 2: WORKING WITH IMAGES

Outcomes: Upon completion of the unit, the students will have the ability to successfully manipulate images

A	B	C	D	F	N	Specific Competencies - Demonstrate the ability to:
						Zoom and pan across an image
						Work with multiple open images
						Apply rulers, guides, and grids
						Apply adjustment layers
						Demonstrate an understanding of pixels and resolution
						Resize images
						Crop images
						Manipulate the size and orientation of the canvas

UNIT 3: SELECTIONS

Outcomes: Upon completion of the unit, the students will have the ability to successfully select portions of images

A	B	C	D	F	N	Specific Competencies - Demonstrate the ability to:
						Use the Marquee tools to make selections
						Use the Magic Wand and Quick Selections tools
						Transform images using the Free Transform tool
						Make custom shaped selections using the Lasso tools
						Combine selections
						Modify selections

UNIT 4: LAYERS

Outcomes: Upon completion of the unit, the students will have the ability to successfully work with layers

A	B	C	D	F	N	Specific Competencies - Demonstrate the ability to:
						Manipulate Background layers
						Create, duplicate, select, link, and delete layers
						Lock and merge layers
						Apply layer styles
						Group layers
						Apply blending modes
						Manipulate the layer's fill and opacity
						Create text layers

UNIT 5: PAINTING IN PHOTOSHOP

Outcomes: Upon completion of the unit, the students will have the ability to successfully create digital paintings using Photoshop

A	B	C	D	F	N	Specific Competencies - Demonstrate the ability to:
						Use the brush tool
						Work with colors and swatches
						Create and use gradients
						Utilize the pencil and eraser tools

UNIT 6: PHOTO RETOUCHING

Outcomes: Upon completion of the unit, the students will have the ability to successfully retouch photos

A	B	C	D	F	N	Specific Competencies - Demonstrate the ability to:
						Use the Red Eye tool
						Fix images using the Clone Stamp tool
						Fix images using the Patch and Healing Brush tools

UNIT 7: MASKS

Outcomes: Upon completion of the unit, the students will have the ability to successfully mask portions of images

A	B	C	D	F	N	Specific Competencies - Demonstrate the ability to:
						Utilize the Quick Mask tool
						Paint a selection
						Mask portions of layers

UNIT 8: THE PEN TOOL

Outcomes: Upon completion of the unit, the students will have the ability to successfully draw using the pen tool

A	B	C	D	F	N	Specific Competencies - Demonstrate the ability to:
						Understand paths and the pen tool
						Create straight and curved paths
						Create compound paths
						Create clipping paths

UNIT 9: SPECIAL EFFECTS

Outcomes: Upon completion of the unit, the students will have the ability to successfully apply special effects

A	B	C	D	F	N	Specific Competencies - Demonstrate the ability to:
						Utilize Photoshop filters
						Apply smart filters
						Create text effects

Projects Required:

Mid-term project

Final Project

Textbook:

Contact Bookstore for current textbook.

Materials/Equipment Required:

Access to production lab or a personal computer with the required software and appropriate external digital storage device for saving files.

Attendance Policy:

Students should adhere to the attendance policy outlined by the instructor in the course syllabus.

Grading Policy:

The grading policy will be outlined by the instructor in the course syllabus.

Maximum class size:

Based on classroom occupancy.

Course Time Frame:

The U.S. Department of Education, Higher Learning Commission and the Kansas Board of Regents define credit hour and have specific regulations that the college must follow when developing, teaching and assessing the educational aspects of the college. A credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally-established equivalency that reasonably approximates not less than one hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work for approximately fifteen weeks for one semester hour of credit or an equivalent amount of work over a different amount of time. The number of semester hours of credit

allowed for each distance education or blended hybrid courses shall be assigned by the college based on the amount of time needed to achieve the same course outcomes in a purely face-to-face format.

Refer to the following policies:

[402.00 Academic Code of Conduct](#)

[263.00 Student Appeal of Course Grades](#)

[403.00 Student Code of Conduct](#)

Disability Services Program:

Cowley College, in recognition of state and federal laws, will accommodate a student with a documented disability. If a student has a disability which may impact work in this class which requires accommodations, contact the Disability Services Coordinator.