

# COURSE OUTCOME MATRIX

## COURSE SYLLABUS

### PART 2 of 3

Course Number and Title	IT145 Adobe Photoshop
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Credit Hours	3
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Course Description	Students should be able to use a computer and have a firm understanding of file management concepts in windows. This course is designed to give the aspiring graphic artist a basic understanding of the workings of Adobe Photoshop. Students will learn in a hands-on setting various techniques in creating professional graphics. Course goals include: basic and advanced selection techniques, extraction, merging images, using healing tools to touch-up photographs, filters, plug-ins, transformation, warping, red eye reduction, slicing images, layers, blending techniques, brushes, photograph repair, and the basic uses of every tool in Photoshop.
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Prerequisite(s) and/or Corequisite(s)	None
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**Required Textbooks/References/Course Materials:**

Adobe Creative Cloud Suite - Software Package			Adobe	None
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<b>General Education Outcomes</b>	
1	Utilize written and verbal language to discuss and comprehend information, incorporating a variety of technologies, such as text, data, and images (written language, verbal language, and information technology).
2	Identify and interpret relevant information in order to formulate an opinion or conclusion (critical thinking).
3	Demonstrate and communicate computational methods and mathematical reasoning in a variety of formats (using words, tables, graphs, mathematical equations, etc., as appropriate) (quantitative literacy and fluency).
4	Communicate in appropriate ways with those who are culturally diverse (intercultural competence).

<b>Program/Department Outcomes</b>	
1	Discuss and evaluate potential technology related ethical dilemmas and apply decision-making techniques to resolve them.
2	Demonstrate proficiency in selecting, implementing, and operating information technology solutions to meet project requirements.
3	Apply essential IT support skills in order to install, configure, secure, and troubleshoot operating systems, programs, networks, and pc hardware.
4	Prepared to take and pass industry standard certification exams
5	Develop the ability to use oral and written communication effectively with clients and other industry professionals.
6	Engage in teams to develop and/or implement IT-based project solutions
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	Course Outcomes (CO)	Bloom's Domain for CO (C, A, P), Category, and Level	Program/ Department Outcome(s)	Written Language	Verbal Language	Information Technology	Critical Thinking	Quantitative Literacy and Fluency	Intercultural Competence
1	Demonstrate knowledge of image resolution, image size, and image file formats for web, video, and print	Cognitive Applying (3)	1,2,4,	2	1	2	2	1	0
2	Demonstrate knowledge of color correction using Photoshop	Cognitive Applying (3)	1,2,4	2	1	2	2	1	0
3	Adjust or correct the tonal range, color, or distortions of an image	Cognitive Applying (3)	1,2,4	2	1	2	2	1	0
4	Identify Design Elements When Preparing Images	Cognitive Understanding (2)	1,2,4	2	1	2	2	1	0
5	Identify elements of the Photoshop user interface and demonstrate knowledge of their functions	Cognitive Understanding (2)	1,2,4	2	1	2	2	1	0
6	Demonstrate knowledge of retouching and blending images	Cognitive Creating (6)	1,2,4	2	1	2	2	1	0
7	Demonstrate knowledge of working with selections	Cognitive Applying (3)	1,2,4	2	1	2	2	1	0
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9									
10									

Bloom's Domain Legend

C = Cognitive  
A = Affective  
P = Psychomotor

General Education Outcome Legend

2 = Included and Measurable  
1 = Introduced and/or Minimally Addressed and Not Measurable  
0 = Not included

Approved: May 2021  
Reviewed: November 11, 2021