



## MASTER COURSE OUTLINE

A. CPRO 1095 Digital Photography with Adobe Photoshop

B. COURSE DESCRIPTION:

This is a hands-on introductory digital photography course that will focus on camera basics and settings, image manipulation, composition techniques and a wide range of special effects. Learn how to take professional quality shots using the same tricks as the pros. This course is designed to teach you the ins and outs of digital photography, even if you have little to no experience.

Adobe Photoshop is required and can be purchased from the Riverland Bookstore at a substantial discount. Students may use any digital camera for this course. A smart phone camera is acceptable. This course is part of the Computer Technology program which is an accredited program in World Organization of Webmaster (WOW) Professional Academy.  
**(3 Cr – 3 lect, 0 lab)**

C. \*\*Core Theme: Critical Thinking

D. MAJOR CONTENT AREAS:

- Digital camera basics and settings
- Camera raw essentials
- Organizing and searching for images
- Image manipulation techniques
  - Selections
  - Resizing and cropping images
  - Color correction
  - Sharpening techniques
- Black and white images
- Composition techniques
- Creating High Dynamic Range (HDR) images
- Common digital image problems
- Special effects
- Printing and color management

E. GOAL TYPES, OBJECTIVES, AND OUTCOMES:

<u>GOAL</u>	<u>OBJECTIVES</u> Students will be able to	<u>OUTCOMES</u> The student will successfully
<b>**Critical Thinking</b>	gather factual information and apply it to a given problem in a manner that is relevant, clear, comprehensive, and conscious of possible bias in the information selected.	1. demonstrate the use of Adobe Photoshop software to apply the correct settings for image size adjustment, brightness and contrast, color correction, sharpening, and special effects.
<u>CS</u>	demonstrate and apply basic camera techniques for digital photography.	1. modify basic camera settings. 2. take photos to create high quality digital images.
<u>CS</u>	demonstrate the ability to apply the image manipulation techniques of cropping and resizing digital images.	3. crop and resize digital images using Adobe Photoshop without any image distortion.
<u>CS</u>	demonstrate special effects like background extraction.	4. remove the background from a digital image.
<u>CS</u>	demonstrate an understanding of file size optimization techniques.	1. manipulate digital images using Adobe Photoshop. 1. optimize file sizes to meet the specifications of the desired output medium.
<u>CS</u>	understand the significance of applying copyright protection to digital images.	1. create a digital image containing an official copyright watermark using Adobe Photoshop.

F. SPECIAL INFORMATION:

This course may require use of the Internet, the submission of electronically prepared documents and the use of a course management software program. Students who have a disability and need accommodations should contact the instructor or the Student Success Center at the beginning of the semester. This information will be made available in alternative format, such as Braille, large print, or current media, upon request. Software requirements: Adobe Creative Cloud is required for the class. The software is available in the Riverland Book Store.

G. COURSE CODING INFORMATION: Course Code T/Class Maximum 30; Letter Grade

Revision date: 1/4/16; 4/3/18

AASC Approval date: 5/8/18

<b>*Riverland Community College Disciplines</b>	<b>MnTC Goal Number</b>
Communication (CM)	<b>1</b>
Natural Sciences (NS)	<b>3</b>
Mathematics/Logical Reasoning (MA)	<b>4</b>
History and the Social & Behavioral Sciences (SS)	<b>5</b>
Humanities and Fine Arts (HU)	<b>6</b>

<b>**Riverland Community College Core Themes</b>	<b>MnTC Goal Number</b>
Critical Thinking (CT)	<b>2</b>
Human Diversity (HD)	<b>7</b>
Global Perspective (GP)	<b>8</b>
Ethical and Civic Responsibility (EC)	<b>9</b>
People and the Environment (PE)	<b>10</b>

\*These five MnTC Goals have been identified as Riverland Community College Disciplines.

\*\* These five MnTC Goals have been identified as Riverland Community College Core Themes.

NOTE: The Minnesota Transfer Curriculum “10 Goal Areas of Emphasis” are reflected in the five required discipline areas and five core themes noted in the Riverland Community College program of study guide and/or college catalog.