

Minnesota Articulated College Credit (ACC) Agreement

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Agreement Name: **Digital Photography - Advanced**

Agreement Last Reviewed: **Fall 2023**

Next Review Date: **Fall 2025**

College Courses			
Class	Title	School	Credits
PHOT 1019	Digital Camera and Photography Concepts I	Ridgewater College	3.0 of 3.0
MMDT 1088	Basic Digital Photography	Ridgewater College	3.0 of 3.0
ART 1184	Intro to Digital Photography I	Rochester Community & Technical College	3.0 of 3.0
ART 140	Digital Photography	South Central College	3.0 of 3.0

Must have access a full studio for photography in order to articulate.

Curriculum Content Objectives

To receive credit, students will perform **100%** of the following content objectives:

1. Explain the development of photography from film to the digital format

- Early development of film photography
- Development of digital photography

2. Demonstrate industry-related work ethics

- Define industry-related ethical standards
- Identify images that could be considered ethical or unethical by those standards (Plagiarism, Copyright)

3. Apply proper camera settings to create a digital image

- Automatic control feature
- Program control feature
- Sports mode control feature
- Landscape control feature
- Portrait control feature

4. Differentiate proper manual camera adjustments for shutter and aperture settings

- Apply shutter settings to change the exposure and motion control in a digital image
- Apply aperture settings to change the exposure & depth of field
- Apply shutter and aperture settings together to create an image that could not be made without the two used simultaneously

5. Apply proper manual camera settings for image focus and sharpness and create an image:

- Using focus control to accentuate the subject of the image
- Using focus control to take attention off a subject in the image
- Using the sensitivity control to increase the sharpness of the image
- Using the sensitivity control to decrease the sharpness of the image

6. Apply proper composition in digital photographs

- Apply the Rule of Thirds in a photograph
- Apply the Golden Section ("Golden Mean") rule in a photograph

- Apply the Diagonal Rule in a photograph
- 7. Select proper digital file types for photographic applications**
 - Choose the proper usage for a jpg file type
 - Choose the proper usage for a raw file type
 - Choose the proper usage for a tif file type
- 8. Apply proper digital photographic management**
 - Create a proper digital storage area for digital images
 - Organize digital images to provide easy access
 - Create proper electronic backups of digital images
- 9. Edit digital images to create desired effects using an image editing software**
 - Change the contrast of a digital image
 - Change the brightness of a digital image
 - Change the color balance of a digital image
 - Change the gamma of a digital image
 - Edit out unwanted information in a digital image
 - Insert extra information into a digital image
- 10. Select different focal lengths of a camera lens to achieve different effects in a digital photograph**
 - Create an image using a short focal length lens
 - Create an image using a normal focal length lens
 - Create an image using a long focal length lens
- 11. Apply proper lighting for a range of environments**
 - Create an image using available light
 - Create an image using on camera flash
 - Create an image using off-camera lighting (flash and/or incandescent light)
 - Create an image changing the normal white balance to create a desired effect
- 12. Produce and critique several types of photographs for multimedia applications**
 - Action
 - Reflection
 - Scenic/Natural
 - Product
 - Architectural/Industrial
 - Macro
 - Abstract

Assessments

Students must achieve no less than 80% or B for a final grade in the high school course to receive ACC. Students should be prepared to show and discuss digital files of their work when registering in the college. Refer to Objective #12.

*Programs must have a full access to a photography studio (e.g. in-house, postsecondary partnership, business partnership).

ACC Concept

Through Articulated College Credit (ACC), specific college curriculum content goals and assessments are embedded in participating high school career and technical education (CTE) programs as specified in this agreement. Relevant knowledge, skills, and standards are taught by qualified CTE high school instructor(s) in one or more high school course. ACC is awarded if the student meets the college equivalency standards and later enrolls in the college(s) listed requiring the course in a specific program.