

## Beginning Photography

### **RCAS Policies/Procedures:**

Students will be required to follow all RCAS policies and procedures. To view the RCAS High School Student Handbook, click [handbook](#).

### **Course Description:**

Create uniquely artistic images while developing your visual communication and composition skills. Use the parts and functions of 35 mm cameras and black and white film processing and printing experience to understand aperture, shutter speed, exposure, and light metering. Capture photographs that demonstrate strong balance, composition, and value range while showcasing your creative eye.

**Textbook:** Focus on Photography

### **Required Resources:**

Metropolitan Museum of Art website

Museum of Contemporary Photography website

**“Limited Choice” Resources:** (students will be asked to choose at least one title from this list)

### **Student Choice:**

Will student be asked to choose additional reading material from the classroom or school library?

No

## **Essential Questions:**

Visual Arts:

HSp.VA.Cn.11.1 How do the visual arts impact and document culture and society throughout time?

HSp.VA.Cn.11.1 How does culture influence art and art influence culture?

HSp.VA.Cr.3.1 How do you combine the Elements and Principles of Art to solve problems?

HSp.VA.Cr.3.1 How do you apply elements and principles to composition?

HSp.VA.Cn.10.1 How are intent and meaning conveyed and interpreted in visual art?

HSp.VA.Cn.10.1 How do culture and experience influence artistic ideas?

HSp.VA.Re.8.1 How do you critique a piece of artwork?

HSp.VA.Re.8.1 What are some important arguments to consider while evaluating a piece of artwork?

CTE Photography I:

P1-1.1 Who hires a photographer?

P1-1.1 What training, skills, education are available in photography and required for photography related positions?

P1-1.1 Describe ways that photographers can be used in business and industry.

P1-1.1 What professional memberships and insurance are recommended for different careers in photography?

P1-2.3 Explain the relevance of copyright applied to photographic work.

P1-2.1 Describe what situations are most acceptable for different digital camera types.

What compatibility issues do you need to be aware of with accessories?

P1-2.1 Identify appropriate capabilities of various accessories.

P1-3.3 & P1-3.3 Demonstrate the ability to capture various types of depth of field.

P1-3.3 & P1-3.3 Demonstrate the ability to use various motion capture techniques.

P1-3.2 Demonstrate the correlation of ISO, aperture, and shutter speed.

P1-3.3 Demonstrate the ability to use different lighting techniques and accessories to capture the desired result.

P1-4.1 Identify applied elements and principals of composition in a given work.

P1-4.1 Demonstrate an awareness of fore-ground, middle-ground, and back-ground in applying photographic composition.

P1-4.1 & P1-3.3 How does aperture and depth of field impact photographic composition?

P1-4.1 & P1-3.3 How does motion capture impact photographic composition?  
P1-4.1 & P1-3.3 How can you use cropping to alter a composition?  
P1-5.1 & P1-2.2 Demonstrate the ability to digitally manipulate any image using varied tools and adjustments in an editing program.  
P1-5.1& P1-2.2 Demonstrate the ability to effectively use layers in editing software.  
P1-5.1& P1-2.2 Demonstrate the ability to use multiple photographs within a composition.  
P1-4.2 & P1-2.2 Effectively manage color calibration when printing.  
P1-5.2 Prepare a comprehensive portfolio of showcased work, either digitally and/or in print.  
P1-5.2 Demonstrate the ability to prepare works of art for gallery display.

### **Essential Learning Intentions:**

Visual Arts:

HSp.VA.Cn.11.1 I can make inferences about the relationship between art and culture.  
HSp.VA.Cn.10.1 & HSp.VA.Re.8.1 I can recognize, understand and use the Elements and Principles correctly.  
HSp.VA.Cn.10.1 I can determine when a composition is complete.  
HSp.VA.Cr.3.1 I am able to process abstract ideas into a piece of artwork.  
HSp.VA.Cr.3.1 I can use elements and principles to create expression in my artwork.  
HSp.VA.Cn.10.1 & HSp.VA.Cr.3.1 I am able to create a piece of artwork that shows/reflects my personality.  
HSp.VA.Cn.10.1 & HSp.VA.Re.8.1 I can recognize how artists use expressive techniques in their artwork.  
HSp.VA.Re.8.1 I can critique a piece of artwork.  
HSp.VA.Re.8.1 I can critique my own piece of artwork.  
HSp.VA.Re.8.1 I understand and can use the Four steps to Art Criticism.  
HSp.VA.Re.8.1 I can differentiate between personal preference and evaluation.

CTE Photography I:

P1-1.1 I can research opportunities for employment in photography.  
P1-1.1 I can research the requirements, skills, wages, education, and geographic opportunities in photography.  
P1-2.3 I can complete a web quest on legal issues related to photographic arts.  
P1-2.3 I can research instructions and forms for registration of photographic arts with copyright office.  
P1-2.1 Identify the advantages and disadvantages of different types of digital

cameras (cell phone, point and shoot, mirrorless, DSLR).

P1-2.1 I can determine the appropriate camera type for the needs of a photo shoot.

P1-2.1 I can analyze the appropriate usability of a specific digital camera and accessories for a given situation.

P1-3.3 & P1-3.3 I can differentiate the effect of different shutter speeds on the quality of a photograph by taking photographs using different shutter speeds.

P1-3.3 & P1-3.3 I can differentiate the effect of different aperture settings on the quality of a photograph by taking photographs using different aperture settings.

P1-3.3 & P1-3.3 I can demonstrate the concept of bracketing for determining the best exposure for photographs by taking three photographs using different exposure settings.

P1-3.3 & P1-3.3 I can illustrate shallow depth of field and maximum depth of field by taking photographs to illustrate each.

P1-3.3 & P1-3.3 I can compare the effect of different camera settings on photographing subject movement.

P1-3.3 & P1-3.3 I can compare the effect of using flash vs. not using flash for photographing subjects in different lighting situations.

P1-3.3 & P1-3.3 I can illustrate the effect of the time of day on the lighting in your photograph.

P1-3.3 & P1-3.3 I can illustrate the effect of different types of directional lighting on a subject.

P1-3.3 & P1-3.3 I can illustrate shallow depth of field and maximum depth of field by taking photographs to illustrate each.

P1-3.3 & P1-3.3 I can compare the effect of different camera settings on photographing subject movement.

P1-3.3 & P1-3.3 I can compare the effect of using flash vs. not using flash for photographing subjects in different lighting situations.

P1-4.1 I can develop a checklist for assessing the elements of composition in a photograph.

P1-4.1 I can analyze peer photographs for the use of the elements of composition.

P1-4.1 & P1-3.3 I can differentiate the effect of different shutter speeds on the quality of a photograph by taking photographs using different shutter speeds.

P1-4.1 & P1-3.3 I can differentiate the effect of different aperture settings on the quality of a photograph by taking photographs using different aperture settings.

P1-4.1 & P1-3.3 I can demonstrate the concept of bracketing for determining the best exposure for photographs by taking three photographs using different exposure settings.

P1-5.1 & P1-2.2 I can demonstrate the use of basic image editing tools (select, cut, copy, paste, crop).

P1-5.1 & P1-2.2 I can select appropriate image editing tools for the artistic enhancement of specific images.

P1-5.2 I can create a portfolio of photographs that illustrates each of the elements of composition.

P1-2.1 I can compare digital camera features for personal use vs. professional use.

P1-2.2 I can research types of storage devices for digital images.

P1-2.2 I can compare different types of image file formats.

P1-4.2 & P1-2.2 I can research the use of color management systems for color consistency and predictability.

P1-3.1 I can demonstrate appropriate care instructions when cleaning a digital camera.

P1-3.1 I can demonstrate proper storage and care for digital camera.

P1-3.1 I can demonstrate appropriate maintenance of digital camera.

P1-4.1 & P1-3.3 I can compare the effect of different types of directional lighting when taking a photograph.

P1-5.1 & P1-2.2 I can compare and contrast the use of the Variations, Levels, and Curves tools for color adjustment of an image.

P1-5.1 & P1-2.2 I can compare and contrast the use of the Hue/Saturation and Brightness/Contrast tools for color adjustment of an image.

P1-5.1 & P1-2.2 I can select the appropriate color adjustment tools to improve image quality of specific images.

P1-5.1 & P1-2.2 I can differentiate between the use of the Brush tool and History Brush tool for artistic expression in the enhancement of images.

P1-5.1 & P1-2.2 I can demonstrate the use of the eraser tools in artistic enhancement of images.