Oregon CTE

# Arts, Information and Communication: Photography

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| **Understand the history and evolution of photography.** | **A.** Demonstrate knowledge of photographers who have made an impact on the shaping of images that influenced history and culture. ARPH01.01.01 |
| | **B.** Demonstrate knowledge of photography and its role in art movements. ARPH01.01.02 |
| | **C.** Demonstrate knowledge of approaches and trends in photography. ARPH01.01.03 |
| | **D.** Demonstrate knowledge of the changing technology in photography. ARPH01.01.04 |
| **Understand and use the elements and principles of photography.** | **A.** Understand the theory of light and optical principles. ARPH02.01.01 |
| | **B.** Understand the characteristics of light. ARPH02.01.02 |
| | **C.** Understand color temperature and color relationships. ARPH02.01.03 |
| | **D.** Demonstrate the ability to apply knowledge of light in basic photography. ARPH02.01.04 |
| | **E.** Understand the principle of lenses. ARPH02.02.01 |
| | **F.** Understand characteristics of lenses. ARPH02.02.02 |
| | **G.** Demonstrate the ability to apply knowledge of lenses in basic photography. ARPH02.02.03 |
| | **H.** Use of the elements of art (e.g., color, line, form, shape, space, texture, value) in photography. ARPH02.03.01 |
| | **I.** Understand and employ principles of design and composition. ARPH02.04.01 |
| | **J.** Demonstrate knowledge of light sensitive material and photographic filters. ARPH02.05.01 |
| **Understand and de pri processes.** ARPH03.01.01 | **A.** Understand chemical mixing rules. ARPH03.01.01 |
| | **Prepare photographic solutions.** ARPH03.01.02 |

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| | **C.** Employ chemical safety and use Material Safety Data Sheets (MSDS) ARPH03.01.03 |
| | **D.** Demonstrate knowledge of image processing and control. ARPH03.02.01 |
| | **E.** Demonstrate knowledge of black and white printing. ARPH03.03.01 |
| | **F.** Demonstrate knowledge of color printing. ARPH03.04.01 |
| | **G.** Demonstrate use of photographic finishing and mounting. ARPH03.05.01 |
| **Understand and demonstrate the use of photographic processes.** | **A.** Demonstrate basic photographic techniques including center of interest, subject placement, perspective, and balance. ARPH04.01.01 |
| | **B.** Understand and apply basic principles of shutter speed, aperture, metering, optics lighting and digital capture. ARPH04.02.01 |
| | **C.** Understand various options available to images including digital compression, color management, and output options. ARPH04.03.01 |
| | **D.** Use techniques and compositions to bring life to inanimate objects. ARPH04.04.01 |
| | **E.** Understand the process of creating memorable images. ARPH04.05.01 |
| **Understand and use software that supports photography.** | **A.** Understand the fundamentals of professional software applications from a photographer's point of view. ARPH05.01.01 |
| | **B.** Use image presentation software to manage images and create promotional pieces. ARPH05.02.01 |
| | **C.** Produce a variety of digital images using computer software. ARPH05.03.01 |
| **Demonstrate the use of photography equipment.** | **A.** Demonstrate the use of still cameras and controls. ARPH06.01.01 |
| | **B.** Demonstrate the use of motion media equipment. ARPH06.02.01 |
| | **C.** Demonstrate the use of various lenses. ARPH06.03.01 |
| | **D.** Demonstrate the use of lighting equipment and devices. ARPH06.04.01 |
| | **E.** Demonstrate the use of darkroom equipment. ARPH06.05.01 |