

Arts, Information and Communication: Photography

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 demonstrate the use of printing processes. ARPH03.01.01

- A. Understand chemical mixing rules.** ARPH03.01.01

- B. Prepare photographic solutions.** ARPH03.01.02

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
