



PHOTOGRAPHIC & VIDEO TECHNOLOGY

Photographic & Video Technology Certification

Use technical expertise, creativity, and composition skills to produce and preserve images and video

The Photographic & Video Technology program will help students learn a variety of skills used in the industry, including the following:

- Commercial digital photography
- Video Production and editing
- DSLR camera operations
- Exposure theory
- Professional Inkjet Printing
- Studio and location lighting

Suggested educational levels:

- English literacy (reading, writing, speaking, and listening)
- Understanding of basic algebra

Suggested physical abilities:

- Capable of lifting 30 pounds
- Capable of sustained activity for 5 hours at a time

Class Hours:

- Morning: 7:50am - 10:40am Mon.- Fri.
- Afternoon: 12:05pm - 2:55pm Mon.- Fri.
- Program is 2 semesters in length, with start dates in Fall.

Tuition and Credit Hour Calculation

Semester 1

\$2,055.00 (Tuition)
+ \$200.00 (Credit Hour Fee)
\$2,255.00

Semester 2

\$2,055.00 (Tuition)
+ \$200.00 (Credit Hour Fee)
\$2,255.00

Based on Colorado Resident In-State Tuition

Estimated Program Costs (to be paid at Picken's payment office)

Tuition and Credit Hour Fees:

Semester 1: \$2,255.00

Semester 2: \$2,255.00

Required On Campus Costs:

Program Charges: \$500.00 (each semester)

Student ID: \$10.00 (each year)

Proxy Disc: \$15.00 (semester 1)

CTSO Charge: \$20.00 (each year)

Estimated Total:

Photographic & Video Technology Certificate: \$5,555.00 (+tax)

Additional Relevant Costs (estimated)

Optional Costs:

Digital Camera Rental: \$30.00 (per semester)

Tri-pod Rental: \$10.00 (per semester)

Apple Laptop Rental: \$30.00 (per semester)

SkillsUSA Work Force Ready Assessment for Professional

Photography: \$20.00

Credits:
30

Length:
1 year

Cost:
\$5,555



Cost and information revised **May 2025**
500 Airport Blvd., Aurora, CO 80011 • www.pickenstech.org • (303)344-4910

Courses required for this certificate: Semester 1

PHO 1021 Photo-Image Capture I **3**

Emphasizes the fundamental operations of a DSLR camera. The general operation of the camera, proper camera handling and maintenance, exposure control, depth of field, lenses and the visual characteristics of lenses, and an understanding of how digital capture works are emphasized. Additional topics include: f-stops, shutter speeds, metering modes, use of the histogram, auto focus, auto bracketing, and exposure compensation.

PHO 1061 Digital Capture Processing I **3**

Teaches digital imaging workflow from capture to output. Including structuring and organizing large image libraries as well as parametric image editing for a variety of outputs and delivery formats.

PHO 2004 Commercial Studio **3**

Explores the creative uses of studio lighting from the perspective of fine art photography with an emphasis on portraiture, three dimensional object photography, and two dimensional collage photography.

PHO 2032 Professional Portraiture **3**

Teaches the technical and aesthetic aspects of studio and location portrait photography. This course explores the personal style of portraiture, history of the field and portraiture as a visual language and creative expression. This topic also includes lighting, composition, posing, and equipment selection.

PHO 2045 Contemporary Photo Practices **3**

Explores aesthetic development of personal style and vision as they relate to historic and contemporary practices and trends in various photographic genres. Students will create a portfolio of images that are unified by their stylistic qualities and within a chosen genre, such as photojournalism, editorial, commercial and portraiture. Class will include discussions on professional practices, organizations, workflows and ethical standards based in various genres.

Courses required for this certificate: Semester 2

MGD 1004 Videography **3**

Offers an introduction to the principles and techniques of videotape production, including camera operation, basic script writing, lighting, sound and basic digital editing. Detailed examination of the pre-production, production, and post-production processes, as well as aesthetics, will be included.

MGD1064 Digital Video Editing **3**

Introduces to digital non-linear video editing. Students will capture, compress, edit, and manipulate video images using a personal computer. Assembly techniques including media management, editing tools, titles, and motion control; transitions and filters, and special effects are explored.

PHO 1062 Digital Darkroom II **3**

This course is a continuation of Digital Capture Processing I and focuses on digital image processing and printing. Topics include: visual understanding of print quality, basic RAW processing, various digital workflows, further development of vocabulary of digital darkroom terminology, creating and utilizing actions in Photoshop, and further advancement of Photoshop technique.

PHO 2187 Business of Photography **3**

Creates a foundation for freelance work, business practices, procedures, and models unique to a career in photography. Course topics include determining price structures, examining varying forms of photography based on students' career plans, equipment and studio needs, business forms, business planning, tax structure, licenses and registration, and self-promotion. The course may include visits by professionals in the field and discussion of career opportunities.

PHO 2188 Portfolio & Career Exploration **3**

The course is the terminal/capstone course for the Professional Photography program. Completion of all classes or concurrent enrollment in the remaining classes of the program is a requirement. In this class, students will create a computer-based portfolio and a printed presentation portfolio. Different techniques necessary for the production of the portfolios and styles of portfolios are covered. Resumes, cover letters, promotional pieces, presentation techniques, and skills related to the pursuit of careers and furthering education are covered in this class.

PHOTOGRAPHIC & VIDEO TECHNOLOGY CERTIFICATE

Certificate Total: Credit Hours: 30

Certificate Length: 2 semesters

Additional costs may apply. All books, kits & supply costs are estimated. Cost, information, and classes are subject to change. Statistics present are based on the US Bureau of Labor Statistics. This certificate is eligible for Financial Aid. You may begin the Financial Aid process by completing your Free Application for Federal Aid (FAFSA) at www.FAFSA.ed.gov. If you have further questions, please call (303)344-4910.