PHOTOGRAPHY (PHOTO)

PHOTO 1010
Smartphone Photography
3 Credit Hours
Technical skills for smartphone photography are covered including refinement of exposure, post-image capture processing, and manipulation through various mobile and desktop apps. (6 lab hours)

PHOTO 1100
Fundamentals of Photography
3 Credit Hours
An exploration of the fundamental principles, techniques, and application of camera-based image making. (2 lecture hours, 2 lab hours)

PHOTO 1101
Foundations of Digital Photography
3 Credit Hours
Introduction to digital photography, digital editing, digital output, management of digital workflow, with an emphasis on visual literacy. Utilizes digital cameras, cataloging software and editing software. (6 lab hours)

PHOTO 1102
Foundations of Film Photography
3 Credit Hours
Introduction to black and white analog photography that explores the techniques and applications for making, developing, and printing enlargements of film-camera images in the chemical darkroom. Utilizes analog film-cameras, black and white negative film, and black and white silver gelatin paper. (6 lab hours)

PHOTO 1103
Digital Photography
3 Credit Hours
Introduction to the principles of digital photography with an emphasis on manual metering, management of a digital workflow, non-destructive editing, and digital output. Utilizes digital cameras, cataloging software, editing software, and printing with commercial photography labs. This course does not cover personal photographic printing. (6 lab hours)

PHOTO 1105
History of Photography
3 Credit Hours
The historical development of photography as a global art form from 1839 to the present, including critical analysis of types of photographs and aesthetic movements in photography. Examines photographs for their aesthetic and humanistic values, emphasizing photographs as expressions of the ideas, viewpoints, and concepts of photographers within their cultural and social contexts. (3 lecture hours)

PHOTO 1200
Photographic Composition, Color, and Concept
3 Credit Hours
An exploration of the use of color, composition, and design in the expression of aesthetic, formal, and conceptual concerns in photography. An emphasis will be placed upon the development of individualized strategies toward effective expression and communication. (6 lab hours)

Prerequisite: PHOTO 1101 or equivalent or consent of instructor.

PHOTO 1201
Tools & Techniques-Digital Photography
3 Credit Hours
Course expands the technical skills learned for digital photography including camera function, refinement of exposure, digital workflow, post-image capture processing, digital editing, and controlled output of digital images. (6 lab hours)

Prerequisite: PHOTO 1101 or equivalent or consent of instructor.

PHOTO 1202
Tools & Techniques for Film Photography
3 Credit Hours
Technical skills for film photography including refinement of exposure, development, and printing of black and white images. Criteria for selection of appropriate equipment and materials are also covered. (6 lab hours)

Prerequisite: PHOTO 1102 or equivalent or consent of instructor.

PHOTO 1250
Advanced Digital Imaging
3 Credit Hours
An advanced seminar in digital image-making concepts and techniques, allowing in-depth exploration of extended computer-based photo projects. (6 lab hours)

Prerequisite: PHOTO 1201 or equivalent or consent of instructor.

PHOTO 1260
Alternative Photographic Processes
3 Credit Hours
Exploration of historical and alternative photographic processes. Experimentation with a variety of camera, darkroom, and digital options in the production of photographic images. (6 lab hours)

PHOTO 1300
Studio Photography 1
3 Credit Hours
Introduction to the basic concepts of lighting for photography. This will include building lighting scenarios both in a studio and on location. Utilizes various types of lighting equipment including continuous lights, strobe lighting kits, and hand held meters. (6 lab hours)

Prerequisite: PHOTO 1101 with a grade of C or better or equivalent or consent of instructor.

PHOTO 1400
Color Photography 1
3 Credit Hours
An introduction to color photographic theory and aesthetics emphasizing the use of transparency and negative film materials. Color applications for digital photography are also addressed. (6 lab hours)

Prerequisite: PHOTO 1101 or equivalent or consent of instructor.

PHOTO 1402
Introduction to Video for Photographers
3 Credit Hours
An intermediate course that will utilize the audio and video capabilities of HDSLR and mirrorless cameras to explore how photographers can utilize video and sound to create compelling and complex visual narratives for their clients in the commercial and corporate marketplace as well as their personal projects. (6 lab hours)

Prerequisite: PHOTO 1300 and PHOTO 1201 or equivalent, or consent of instructor.
PHOTO 1450
Natural Light and Landscape Photography
3 Credit Hours
Introduces specialized techniques and research methods for
photographing with natural light and in the landscape. Emphasizes
application of techniques in field situations. (6 lab hours)
Prerequisite: PHOTO 1200 or equivalent or consent of instructor.

PHOTO 1500 (MC 921)
Visual Storytelling
3 Credit Hours
The application of camera, lenses, and digital media in the production
of newsworthy photographs and videos suitable for publication in
newspapers, magazines, and other visual communications media.
Location photography is required. (6 lab hours)
Prerequisite: PHOTO 1201 or equivalent, or concurrent enrollment in
PHOTO 1201 or consent of instructor.

PHOTO 1601
Art of Seeing Workshop
1 Credit Hour
A cross disciplinary course in photographic composition. This course
uses theater and poetry as well as other artistic disciplines to inform the
photographic process and enhance the photographers image making
skills. (2 lab hours)
Prerequisite: PHOTO 1100, PHOTO 1101, or PHOTO 1102 or equivalent, or
consent of instructor.

PHOTO 1602
Commercial Lighting Workshop
1 Credit Hour
An intermediate studio lighting workshop with practical experience in
fashion, still life, and the use of people in conceptual corporate and
advertising photography. (2 lab hours)
Prerequisite: PHOTO 1300, or equivalent, or consent of instructor.

PHOTO 1603
Environmental Portraits Workshop
1 Credit Hour
Exploration of environmental portraiture, including a brief history and
introduction of current applications. The class will focus on techniques
for photographing a variety of subject matter on location, both indoors
and out, as well as using natural and supplemental lighting. (2 lab hours)
Prerequisite: PHOTO 1300, or equivalent, or consent of instructor.

PHOTO 1604
Electronic Flash Workshop
1 Credit Hour
Exploration of electronic flash photography. Techniques for on and off
camera flash will be discussed, including exposure calculation, TTL
system, flash ambient balance, outdoor fill flash, bounce flash, light
modifying equipment, and accessories. (2 lab hours)
Prerequisite: PHOTO 1101, or equivalent, or consent of instructor.

PHOTO 1606
Digital Photographic Printing Workshop
1 Credit Hour
Exploration of digital photographic printing with an emphasis on
producing high-quality prints, trouble-shooting common problems, and
managing digital files. (2 lab hours)
Prerequisite: PHOTO 1201 or equivalent or consent of instructor.

PHOTO 1608
Large Format Camera Workshop
1 Credit Hour
Introduction to large format cameras. Emphasis will be placed on
equipment control and application. Students will be introduced to
historical and contemporary context of this equipment and format. (2 lab hours)
Prerequisite: PHOTO 1102 or equivalent or consent of instructor.

PHOTO 1610
Black & White Analog Printing Workshop
1 Credit Hour
Intermediate to advanced students will practice black and white analog
photography techniques and applications for developing and printing
enlargements of film-camera images in the chemical darkroom. Course
will utilize analog film cameras, black and white negative film, and black
and white silver gelatin paper. (2 lab hours)
Prerequisite: PHOTO 1102 or equivalent or consent of instructor.

PHOTO 1612
Cyanotype & Van Dyke Browns Workshop
1 Credit Hour
Introduction to the historical processes of Cyanotype & Van Dyke Browns.
Emphasis placed on process control, application, and concepts. Students
will be introduced to historical and contemporary context for these
processes. (2 lab hours)

PHOTO 1614
Platinum and Palladium Printing Workshop
1 Credit Hour
Introduction to the historical photographic processes of platinum and
palladium printing. Emphasis placed on process, control, application, concepts, and historical and contemporary contexts. (2 lab hours)

PHOTO 1616
Salt Printing Workshop
1 Credit Hour
Introduction to the historical photographic process of salt printing.
Emphasis placed on process, control, application, concepts, and historical and contemporary contexts. (2 lab hours)

PHOTO 1618
Gum Bichromate Printing Workshop
1 Credit Hour
Introduction to the historical photographic process of gum bichromate.
Emphasis placed on process, control, application, concepts, and historical and contemporary contexts. (2 lab hours)

PHOTO 1620
Lumen and Phytophotography Workshop
1 Credit Hour
Introduction to the alternative photographic processes of lumen and
phytogram printing. Emphasis placed on process, control, application, concepts, and historical and contemporary contexts. (2 lab hours)

PHOTO 1622
Pinhole Photography Workshop
1 Credit Hour
Students will learn how to transform common objects into pinhole
cameras. Emphasis placed on transformation, observation, application, and historical and contemporary contexts for this process. (2 lab hours)
PHOTO 1624  
**Lens-less Photography Workshop**  
1 Credit Hour  
Students will learn non-traditional uses of photographic substrates, tools, and equipment to make photographs. Emphasis placed on process, control, application, concepts, and historical and contemporary contexts. (2 lab hours)

PHOTO 1626  
**Headshot Workshop**  
1 Credit Hour  
Introduction to making headshot in studio and on location. Emphasis placed on equipment control, light application, contemporary aesthetics, and client delivery. (2 lab hours)  
**Prerequisite:** PHOTO 1300 or equivalent or consent of instructor.

PHOTO 1628  
**Capture One Workshop**  
1 Credit Hour  
Students will learn how to use Capture One in a tethered workflow. Emphasis placed on integrating the software into a studio production workflow. (2 lab hours)  
**Prerequisite:** PHOTO 1300 or equivalent or consent of instructor.

PHOTO 1820  
**Selected Topics 1**  
1 Credit Hour  
Introductory exploration and analysis of selected topics with a specific theme indicated by course title listed in college class schedule. This course may be taken four times for credit as long as different topics are selected. (2 lab hours)  
**Prerequisite:** PHOTO 1100 or equivalent, PHOTO 1101 or equivalent and PHOTO 1102 or equivalent or consent of instructor.

PHOTO 1821  
**Selected Topics 2**  
2 Credit Hours  
Introductory exploration and analysis of selected topics with a specific theme indicated by course title listed in college class schedule. This course may be taken four times for credit as long as different topics are selected. (4 lab hours)  
**Prerequisite:** PHOTO 1100, PHOTO 1101, and PHOTO 1102 or equivalent or consent of instructor.

PHOTO 1840  
**Independent Study**  
1-4 Credit Hours  
Exploration and analysis of topics within the discipline to meet individual student-defined course description, goals, objectives, topical outline and methods of evaluation in coordination with and approved by the instructor. This course may be taken four times for credit as long as different topics are selected. (1 to 4 lecture hours)  
**Prerequisite:** 32 semester credits in Photography and consent of instructor.

PHOTO 2002  
**Product Photography**  
3 Credit Hours  
An advanced studio course that will emphasize the tools, lighting techniques, and business practices of the professional still-life and product advertising photography marketplaces. (6 lab hours)  
**Prerequisite:** PHOTO 1201 and PHOTO 1300 or equivalent or consent of instructor.

PHOTO 2004  
**Fashion and Commercial Photography on Location**  
3 Credit Hours  
An advanced course that addresses photographing on location. Student learns to use research, equipment, lighting techniques, props, models, and visual storytelling to develop a personal aesthetic and resolve client needs. (6 lab hours)  
**Prerequisite:** PHOTO 1201 and PHOTO 1300 or equivalent or consent of instructor.

PHOTO 2006  
**Studio Fashion and Commercial Portraiture Photography**  
3 Credit Hours  
An advanced studio course that addresses studio portraiture. The tools, lighting techniques, business practices, and visual narrative of fashion and commercial portraiture photography are emphasized. (6 lab hours)  
**Prerequisite:** PHOTO 1201 and PHOTO 1300 or equivalent or consent of instructor.

PHOTO 2008  
**Wedding and Family Portraiture**  
3 Credit Hours  
An advanced studio course that will emphasize the tools, lighting techniques, business practices, and narrative visuals of the professional wedding and family portraiture marketplaces. (6 lab hours)  
**Prerequisite:** PHOTO 1201 and PHOTO 1300 or equivalent or consent of instructor.

PHOTO 2010  
**Food Photography**  
3 Credit Hours  
An advanced studio course that will emphasizing the tools, lighting techniques, and business practices of the professional food photographer. (6 lab hours)  
**Prerequisite:** PHOTO 1300 or equivalent or consent of instructor.

PHOTO 2012  
**Architectural Photography**  
3 Credit Hours  
An advanced studio course emphasizing the tools, lighting techniques, and business practices of an architectural photographer. (6 lab hours)  
**Prerequisite:** PHOTO 1300 or equivalent or consent of instructor.

PHOTO 2100  
**Extended Photographic Project**  
3 Credit Hours  
A continued exploration of photography as a creative medium, allowing student time to pursue individual and/or commercial photographic interests while stressing critical thinking skills. (6 lab hours)  
**Prerequisite:** PHOTO 1201 or PHOTO 1202 or equivalent, and PHOTO 1400 or equivalent, or consent of instructor.

PHOTO 2200  
**Portrait Photography**  
3 Credit Hours  
Explores all genres of portrait photography, including commercial portraits, formal and informal studio portraits, and environmental portraiture with film and digital media. (6 lab hours)  
**Prerequisite:** PHOTO 1201 or PHOTO 1202 or equivalent, and PHOTO 1300 or equivalent, or consent of instructor.
PHOTO 2281
Time Based Media I
3 Credit Hours
An introduction to the concepts and approaches to Time-Based (4D) Media. Students will develop a broader vocabulary in this area through creation of work in experimental sound editing, video, projection, performance, and installation. Emphasis will be placed on individual conceptual development and art as response to the world around us through interdisciplinary explorations of contemporary issues. (6 lab hours)
Prerequisite: ART 1151 with a grade of C or better, or equivalent, or concurrent enrollment in ART 1151, or PHOTO 1101 with a grade of C or better, or equivalent, or concurrent enrollment in PHOTO 1101, or consent of instructor.

PHOTO 2282
Time Based Media II
3 Credit Hours
An intermediate expansion of the concepts and approaches to time-based media in a collaborative environment. Creation of time-based work may include web-based and social media platforms, collaborative installation work, public work and interventions, interdisciplinary partnerships, and long-term social practice projects. (6 lab hours)
Prerequisite: ART 2281 with a grade of C or better, or equivalent, or PHOTO 2281 with a grade of C or better, or equivalent, or consent of instructor.

PHOTO 2300
Studio Photography 2
3 Credit Hours
Advanced concepts for solving complex visual communication problems in the studio. Emphasis is on the aesthetic aspects of creating studio photographs. (6 lab hours)
Prerequisite: PHOTO 1300 and PHOTO 1400 or equivalent, and PHOTO 1201 or PHOTO 1202 or equivalent.

PHOTO 2400
Color Photography 2
3 Credit Hours
Advanced concepts in color photographic theory and aesthetics using transparency film, negative film, and/or digital materials. (6 lab hours)
Prerequisite: PHOTO 1201 and PHOTO 1400 or equivalent.

PHOTO 2700
Professional Photographic Practices
3 Credit Hours
Capstone photography course that provides basic information for conducting business, with emphasis on the financial, legal, organizational, promotional, interpersonal and ethical strategies specific to the practice of photography as an occupation or a fine art. Development and creation of marketing materials and plans are also covered. (2 lecture hours, 2 lab hours)
Prerequisite: Student must have completed 20 semester hours of photography course credit or equivalent prior to taking this course or consent of instructor.

PHOTO 2750
Portfolio Presentation
3 Credit Hours
Preparation and presentation of work in portfolio form as required by most employers, galleries and transfer schools. Each student assembles a portfolio of images appropriate to their professional, educational or personal goals. (6 lab hours)
Prerequisite: Minimum of 33 semester credits in Photography or consent of instructor.

PHOTO 2860
Internship (Career & Technical Ed)
1-4 Credit Hours
Course requires participation in Career and Technical Education work experience with onsite supervision. Internship learning objectives are developed by student and faculty member, with approval of employer, to provide appropriate work-based learning experiences. Credit is earned by working a minimum of 75 clock hours per semester credit hour, up to a maximum of four credits. (5 to 20 lab hours)
Prerequisite: Consent of instructor and 2.0 cumulative grade point average, 12 semester credits earned in a related field of study, students work with Career Services staff to obtain approval of the internship by the dean from the academic discipline where the student is planning to earn credit.

PHOTO 2865 (PHOTO-EMPH1)
Internship-Advanced (Career & Tech Ed)
1-4 Credit Hours
Continuation of Internship (Career and Technical Education). Course requires participation in Career & Technical Education work experience with onsite supervision. Internship learning objectives are developed by student and faculty member, with approval of employer, to provide appropriate work-based learning experiences. Credit is earned by working a minimum of 75 clock hours per semester credit hour, up to a maximum of four credits. (5 to 20 lab hours)
Prerequisite: Consent of instructor and 2.0 cumulative grade point average, 12 semester credits earned in a related field of study, students work with Career Services staff to obtain approval of the internship by the dean from the academic discipline where the student is planning to earn credit.