

PASADENA CITY COLLEGE
CURRICULUM AND INSTRUCTION COMMITTEE
MINUTES OF MEETING
THURSDAY, JUNE 6, 2019

CALLED TO ORDER: 1:31 p.m.

CO-CHAIRPERSONS: Sharon Bober
Tamara Knott-Silva

The following Curriculum and Instruction Committee members were present:

FACULTY CHAIRPERSONS

Sharon Bober
Tamara Knott-Silva

INSTRUCTIONAL UNITS

Kimberly Shediak, Business and Engineering Tech
Rohan Desai, Counseling
Keith Williams, English
Sebrenia Law, Health Sciences
Michael Terrill, Kinesiology, Health and Athletics
Lindsey Ruiz, Languages
Walter Butler, Library
Richard Abdelkerim, Mathematics & Computer Science
John Hanley, Natural Sciences
Henry Shin, Performing & Communication Arts
Masood Kamandy, Visual Arts & Media Studies

DIVISION DEANS

Joseph Futtner
Natalie Russell
Carrie Starbird

MEMBERS EX-OFFICIO

Sharis Amirian, Articulation Officer
Terry Giugni, Asst. Superintendent/VP, Instruction

VISITORS

Miriam Hartman
Xiaodan Leng
Lynora Rogacs
Paul Wilkinson

In accordance with the Ralph M. Brown Act and SB 751, the minutes of the Curriculum and Instruction Committee of Pasadena City College record the votes of all committee members as follows: (1) Members not present are presumed not to have voted; (2) the names of members of minority or abstaining votes are recorded; (3) all other members are presumed to have voted in the majority.

Sassan Barkeshli
Pamela Eversole-Cire
Mariella Baldo
Chris O'Leary
Russell DiFiori
Brennan Wallace
Veronica De La Rosa

I. WELCOME

Self-introductions were made.

II. PUBLIC COMMENT

Paul Wilkinson expressed his concerns about CIS courses that is essentially CS and the issue of TOP codes related to same.

III. APPROVAL OF MINUTES

Meeting Minutes for May 30, 2019.

ON MOTION by Masood Kamandy and seconded by John Hanley, the committee voted to approve the minutes from meeting 14. ABSTAIN = 2 (Kimberly Shediak, Terry Giugni)
(Note: Natalie Russell arrived after this vote.)

IV. COMMITTEE DISCUSSION

ON MOTION by Mike Terrill and seconded by Richard Abdelkerim, the committee voted unanimously to approve the modification of KINA 037.
(Note: Natalie Russell arrived after this vote.)

ON MOTION by Joseph Futtner and seconded by John Hanley, the committee voted to approve the modification to BIOL 010B.

ON MOTION by Richard Abdelkerim and seconded by Masood Kamandy, the committee voted unanimously to approve the update of Distance Education of BIOL 010B.
(Note: Natalie Russell arrived after this vote.)

ON MOTION by John Hanley and seconded by Masood Kamandy, the committee voted unanimously to approve the modifications of BIOL 102B and 102C.
(Note: Natalie Russell arrived after this vote.)

ON MOTION by Richard Abdelkerim and seconded by John Hanley, the committee voted unanimously to approve as amended the modification to the BIOLOGICAL TECHNOLOGY AS/Certificate of Achievement.
(Note: Natalie Russell arrived after this vote.)

ON MOTION by John Hanley and seconded by Joseph Futtner, the committee voted to approve as amended the modification to the BIOLOGICAL TECHNOLOGY – LABORATORY ASSISTANT OPTION Certificate of Achievement.

(Note: Natalie Russell arrived after this vote.)

ON MOTION by Walter Butler and seconded by Masood Kamandy, the committee voted on the modifications of PHYS 001B, 001C, and 001D.

MOTION by Sharis Amirian to call the question, seconded by Carrie Starbird. (ABSTAIN = John Hanley)

RESULT of motion to modify PHYS 001B, 001C, and 001D:

NO = 9 (Sebrenia Law, Rohan Desai, Walter Butler, Natalie Russell, Kimberly Shediak, Carrie Starbird, Masood Kamandy, Joseph Futtner, Sharis Amirian)

ABSTAIN = 6 (Mike Terrill, John Hanley, Keith Williams, Lindsey Ruiz, Richard Abdelkerim, Henry Shin)

Without a majority, the motion failed.

ON MOTION by John Hanley and seconded by Mike Terrill, the committee approved the modification of BUSN 2601A.

YES = 9 (Rohan Desai, Walter Butler, Natalie Russell, Kimberly Shediak, Keith Williams, Lindsey Ruiz, Masood Kamandy, Richard Abdelkerim, Sebrenia Law)

NO = 1 (Carrie Starbird)

ABSTAIN = 5 (John Hanley, Mike Terrill, Sharis Amirian, Joseph Futtner, Henry Shin)

ON MOTION by Lindsey Ruiz and seconded by Joseph Futtner, the committee voted unanimously to deny the addition of Distance Education to BUSN 2601A.

ON MOTION by John Hanley and seconded by Masood Kamandy, the committee voted on the modification of BUSN 2601B.

YES = 1 (Walter Butler)

NO = 3 (Carrie Starbird, Joseph Futtner, Natalie Russell)

ABSTAIN = 11 (Kimberly Shediak, Lindsey Ruiz, Keith Williams, John Hanley, Masood Kamandy, Richard Abdelkerim, Henry Shin, Mike Terrill, Rohan Desai, Sebrenia Law, Sharis Amirian)

Without a majority, the motion failed.

ON MOTION by Joseph Futtner and seconded by Masood Kamandy, the committee voted on the modifications of BUSN 7301, 7302, 7303, and 7306.

YES = 5 (Sebrenia Law, Lindsey Ruiz, John Hanley, Kimberly Shediak, Richard Abdelkerim)

NO = 1 (Carrie Starbird)

ABSTAIN = 9 (Mike Terrill, Rohan Desai, Walter Butler, Natalie Russell, Keith Williams, Masood Kamandy, Sharis Amirian, Henry Shin, Joseph Futtner)

Without a majority, the motion failed.

ON MOTION by Masood Kamandy and seconded by John Hanley, the committee voted unanimously to approve the additions of PHOT 001 and 003.

ON MOTION by Natalie Russell and seconded by Richard Abdelkerim, the committee voted unanimously to approve the additions of PHOT 101, 102, 103, 104, and 109.

ON MOTION by Masood Kamandy and seconded by Joseph Futtner, the committee voted unanimously to approve the prerequisites to PHOT 101, 102, 103, 104, and 109.

ON MOTION by Rohan Desai and seconded by Sharis Amirian, the committee voted unanimously to take a 7 minute break.

ON MOTION by John Hanley and seconded by Richard Abdelkerim, the committee voted unanimously to approve the modifications of the PHOTOGRAPHY AS/Certificate of Achievement and STUDIO ARTS AS/Certificate of Achievement.

ON MOTION by Joseph Futtner and seconded by Richard Abdelkerim, the committee voted unanimously to approve the modification to TVR 143.

Masood gave a presentation on the proposed Scientific Computing courses. (A copy of the presentation is attached to the official copy of these minutes.)

Some of the AHA! Moments: Every day is a learning experience. There is a lot of research. Negated proposals come back even better. C&I is driving the bus and setting the agenda in a positive way.

V. ANNOUNCEMENTS

None.

VI. ADJOURNMENT

The meeting adjourned at 4:21 p.m.

This concludes the spring cycle of the Curriculum and Instruction Committee.

ADDENDUM

KINESIOLOGY, HEALTH AND ATHLETICS

MODIFICATION – SLOs, SPOs, CCOs, assignments, catalog description, texts – Effective Summer 2020

KINA 037 POLICE-FIRE AGILITY TRAINING

1 unit

Instruction and practice in the skills required to complete police and fire departments' physical agility tests. Techniques on how to scale a six foot smooth wall, an eight foot chain link fence, drag a 165 pound dummy from behind the steering wheel of a vehicle; unwind, drag and carry a firehose. Weight lifting for upper body strength and general physical conditioning. Total of 54 hours laboratory.

Transfer Credit: CSU; UC credit limitations. See counselor.

Grade Mode: L, A, P

Rationale: Modification to SLO's, SPO's, CCO's, Catalog Description, texts, assignments.

NATURAL SCIENCES

MODIFICATION – SLOs, SPOs, CCO, MOEs, catalog description, units (reduce from 5 to 4), Distance Education (update), texts – Effective Summer 2020

BIOL 010B THE DIVERSITY OF LIFE ON EARTH: STRUCTURE, FUNCTION AND ECOLOGY

4 units

Prerequisites: CHEM 001A and BIOL 010A.

Exploration of the evolution and diversity of living organisms, the structure and function governing their form and function, and the ecological principles that guide their interactions. Second in a 3-course series for Biology majors (BIOL 010ABC). Total of 54 hours lecture and 72 hours laboratory.

Transfer Credit: CSU; UC. *C-ID: BIOL SEQ 130S (with BIOL 010A, 010B)

Grade Mode: L, A

Rationale: Align the current Biol. 10B with the Biol 140 C-ID course descriptor to make our biology majors program match the Biology AS-T. Modifications to SLOs, SPOs, CCOs, MOEs, catalog description, texts, update Distance Education. Unit change from 5 to 4.

MODIFICATION – SLOs, SPOs, CCOs, MOIs, MOEs, assignment – Effective Summer 2020

BIOL 102B BIOLOGICAL TECHNOLOGY - ADVANCED TECHNIQUES

3 units

Prerequisite: BIOL 102A.

Advanced skills in applied biological technology with a focus on DNA and protein applications. Skills include: use and maintenance of standard laboratory equipment and scientific instruments; methods to purify, quantify, and analyze DNA and/or proteins including column chromatography, immunological assays (ELISA and Western blot analysis), PCR, and electrophoretic techniques; and the production of an industry standard laboratory notebook. DNA and protein sequence analysis performed using bioinformatics tools. Course is taught in a laboratory setting allowing students to develop workplace competencies. Total of 36 hours lecture and 72 hours laboratory.

Grade Mode: L, A, P

Rationale: Courses that are part of the Biological Technology Program core curriculum are designed to prepare students to work in the biotechnology industry by providing training in basic and advanced laboratory techniques. In order to prepare CTE students for careers in real-world working laboratories, it is important to train the students to perform techniques currently being performed in biotechnology research laboratories and to offer this training in a laboratory environment to allow students to develop workplace competencies. The proposal for the BIOL 102B Biological Technology – Advanced Techniques course provides updated information on the following: the catalog description, SLOs, SPOs, CCOs, MOIs, MOEs, and assignments.

MODIFICATION – SLOs, SPOs, CCOs, MOIs, MOEs, assignment, catalog description – Effective Summer 2020

BIOL 102C BIOLOGICAL TECHNOLOGY - CELL CULTURE TECHNIQUES

3 units

Prerequisite: BIOL 102A.

Advanced skills in applied biological technology with a focus on basic mammalian cell culture techniques and specialized applications. Skills include: use and maintenance of standard cell culture laboratory equipment; aseptic techniques for cell culture; methods for the growth, propagation, and maintenance of cultured mammalian cells; cell quantitation; cell imaging; introduction of DNA into cultured mammalian cells; cell culture laboratory safety requirements; and the production of an industry standard laboratory notebook Course is taught in a cell culture laboratory setting to allow students to develop workplace competencies. Total of 36 hours lecture and 72 hours laboratory.

Grade Mode: L, A, P

Rationale: Courses that are part of the Biological Technology Program core curriculum are designed to prepare students to work in the biotechnology industry by providing training in basic and advanced laboratory techniques. In order to prepare CTE students for careers in real-world working laboratories, it is important to train the students to perform techniques currently being performed in biotechnology research laboratories and to offer this training in a laboratory environment to allow students to develop workplace competencies. The proposal for the BIOL 102C Biological Technology – Cell Culture Techniques course provides updated information on the following: the course catalog description, SLOs, SPOs, CCOs, MOIs, MOEs, assignments.

MODIFICATION – Addition of honors courses – Effective Summer 2020

BIOLOGICAL TECHNOLOGY – AS/Certificate of Achievement

50 units

The curriculum prepares students to work in entry level positions in the field of biotechnology in high-tech industry and research institutions. This is an interdisciplinary program including courses and practical training in math, chemistry, biology, computer skills, and English. Emphasis is placed on program participants developing competency for working in a laboratory environment, including; performing basic and advanced laboratory techniques; collecting, documenting, and analyzing data; and participating in short-term independent projects. Fundamental skills and workplace competencies necessary for successful employment in the biotechnology industry and in research laboratories are also emphasized.

Students are kept informed on current advances in biotechnology by guest speakers and internet assignments to access relevant technical resources and recently published scientific articles.

This program offers classroom instruction in a working laboratory setting and assistance in finding appropriate internships. Students must be willing to spend time working on long term projects and participating in outreach programs. Students must be able to provide their own transportation to an internship site.

Employment opportunities include positions in: biomedical industry, academic research institutes, pharmaceutical companies, agriculture and food science genetic engineering laboratories.

Students who have previously completed coursework required for the Certificate of Achievement and need only the Biology 102A-D courses may take a “fast track” and complete the certificate in 1 year.

A Certificate of Achievement is awarded upon completion of all required courses with a grade of C or better.

Prerequisites: Math 131, Chem 022, Chem 001A

Recommended preparation:
Computer literacy

Semester I

ENGL 001A – Reading and Composition (4)
or ENGL 001AH – Honors Reading And Composition (4)
BIOL 010A – Cellular Biology, Genetics and Evolution (5)
BIOL 102A – Biological Technology – Basic Techniques (3)
CHEM 001B – General Chemistry and Chemical Analysis (5)

Semester II

BIOL 102B – Biological Technology – Advanced Techniques (3)
BIOL 102C – Biological Technology – Cell Culture Techniques (3)
BIOL 010B – The Diversity of Life on Earth: Structure, Function and Ecology (5)

Semester III

CHEM 008A – Organic Chemistry (5)
MICR 002 – Microbiology (4)
or BIOL 104B – Microbiological Applications Used in Biotechnology (4)
STAT 018 – Statistics for Behavioral and Social Sciences (4)
or STAT 050 – Elementary Statistics (4)
or STAT 050H – Honors Elementary Statistics (4)

Semester IV

BIOL 010C – Genetics (3)
PHSC 002 – Scientific Method as Critical Thinking (3)

Summer

BIOL 102D – Biological Technology – Laboratory Internship (3)

Recommended Electives

BIOL 104A – Applications of Fluorescence Microscopy (2)

BIOL 104C – Research Methodology (3)

BIOL 104D – Collaborative Research Experience (3)

Rationale: Statistics 050H and English 001AH, the Honors courses for Statistics 050 and English 001A may be taken as an equivalent substitution to satisfy the Certificate of Achievement coursework.

MODIFICATION – Addition of honors courses – Effective Summer 2020

BIOLOGICAL TECHNOLOGY - LABORATORY ASSISTANT – Certificate of Achievement

39 units

The curriculum prepares students to work in entry level positions in the field of biotechnology where a biology or chemistry degree is not required. This is an interdisciplinary program including courses and practical training in math, chemistry, biology, computer skills and English. This program prepares students using SCANS guidelines. Emphasis is on practical laboratory skills combined with training in quality assurance and quality control in a working laboratory setting. Students are kept informed on current advances in biotechnology by speakers from industry, internet assignments and tours of local biotech facilities.

This program offers classroom instruction plus supervised work experience in the biotechnology industry. Students must be willing to spend time working on long term projects and participating in outreach programs.

Students must be able to provide their own transportation in the final semester to an internship site. Employment opportunities include: biomedical industry, academic research labs, pharmaceuticals, agriculture, food science labs, genetic engineering labs.

A Certificate of Achievement is awarded upon completion of all required courses with a grade of C or better.

Students who have previously completed coursework required for the Laboratory Assistant Option and need only the Biology 102A-D courses may take a “fast track” and complete the option in 1 year.

Prerequisite: Math 125

Required Courses

Semester I

ENGL 001A - Reading and Composition (4)

or ENGL 001AH - Honors Reading and Composition (4)

CHEM 002A - Chemistry - General, Organic and Biochemistry (4)

BIOL 011 - General Biology (4)

or BIOL 011H - Honors General Biology (4)

or BIOL 039 - Modern Human Genetics (4)

BIOL 102A - Biological Technology - Basic Techniques (3)

Semester II

BIOL 102B - Biological Technology - Advanced Techniques (3)

CHEM 002B - Chemistry-General, Organic and Biochemistry (4)

PHSC 002 - Scientific Method as Critical Thinking (3)

Semester III

MICR 002 - Microbiology (4)

STAT 018 - Statistics for Behavioral and Social Sciences (4)

or STAT 050 - Elementary Statistics (4)

or STAT 050H - Honors Elementary Statistics (4)

Semester IV

BIOL 102C - Biological Technology - Cell Culture Techniques (3)

Summer

BIOL 102D - Biological Technology - Laboratory Internship (3)

Rationale: Statistics 50H and English 1A-H, the Honors courses for Statistics 50 and English 1A may be taken as an equivalent substitution to satisfy the Certificate of Achievement coursework.

NONCREDIT

MODIFICATION – Contact hours (from 9 lec/27 lab to 9-36 lec) – Effective Summer 2020

BUSN 2601A COMPUTER KEYBOARDING A

Develop basic skills in keyboarding technique using the touch method. Emphasis is on mastering keyboarding by touch to improve accuracy and speed to achieve a minimum of 30 net words per minute. Total of 9 to 36 hours of lecture.

Rationale: Course is up for revision. Hours have been changed to all Lecture.

PERFORMING AND VISUAL ARTS

MODIFICATION – Catalog description – Effective Summer 2020

TVR 143 DIGITAL AUDIO WORKSTATION SKILLS

3 units

Prerequisite: TVR 002A.

Theory and application of digital audio workstations used in media production and postproduction. Developing proficiency using audio design and mixing in a project-based learning environment. Preparation for AVID Certification as a Pro Tools user. Total of 36 hours lecture and 54 hours laboratory.

Grade Mode: L

Rationale: Modify course catalog description to include the following language: "Preparation for AVID Certification as a Pro Tools user." This is a result of an agreement PCC has with Avid that allows the college to receive ProTools licensing at no cost. Students that take TVR143 will cover

material similar to Avid's PT101 and PT110 Pro Tools Fundamentals courses. Upon completion of this course, students have the option to take the assessment PT101 and the PT110 Avid Certified Pro Tools User exams. This Certification is optional, and has no bearing on the student's ability to succeed in the course. Finally, we included the required AVID Pro Tools textbooks which are required in order to take the AVID Certified Pro Tools User exams. Students are required to purchase both course textbooks, for the class, which includes the cost of the course exam, and a single retake, if required, for those students who wish to take the exam, at the end of the class. Textbook Cost Options: Both books cost approximately \$200.

VISUAL ARTS AND MEDIA STUDIES

ADDITION – Effective Summer 2020

PHOT 001 FILM PHOTOGRAPHY I

3 units

Foundation in film photography as an artistic medium and communication tool. Introduction to 35mm film cameras, film processing and darkroom printing. Emphasis on the poetic, conceptual and social dimensions of the medium. Development of creative concepts for film photography projects in a variety of photographic genres. Geared toward beginning students. Total of 36 hours lecture and 72 hours laboratory. No credit if taken after PHOT 021.

Transfer Credit: CSU; UC credit under review.

Grade Mode: L, A

Rationale: Update curriculum to match contemporary industry needs. Design a program that is shorter, with fewer pre-prerequisites. Design a program that emphasizes creativity and personal development along with technical skills. This Course: This course remains largely the same for aligning more clearly with foundation goals of creative development, mastering basic techniques and critical skills. This course is replacing the current Photo 21 course.

PHOT 002 DIGITAL PHOTOGRAPHY I

3 units

Foundation in digital photography as an artistic medium and communication tool. Introduction to professional digital cameras, digital editing workflow, and output for print and web. Emphasis on the poetic, conceptual and social dimensions of the medium. Development of creative concepts for digital photography projects in a variety of photographic genres. Geared toward beginning students. Total of 36 hours lecture and 72 hours laboratory. No credit if taken after PHOT 031.

Transfer Credit: CSU; UC credit under review.

Grade Mode: L, A

Rationale: Update curriculum to match contemporary industry needs. Design a program that is shorter, with fewer prerequisites. Design a program that emphasizes creativity and personal development along with technical skills. This course: remains largely the same (formerly PHOTO 31), save for aligning more clearly with foundation goals of creative development, mastering basic techniques and critical skills.

PHOT 003 PRODUCTION 1

3 units

Foundation in production tools and process for photography. Survey and application of the production process from project planning, mock-ups, photo shoots, and digital post-production processes. Acquaints students with production tools, the studio lighting environment and a variety of digital darkroom tools and creative techniques. Geared toward beginning students. Total of 36 hours lecture and 72 hours laboratory.

Transfer Credit: CSU; UC credit under review.

Grade Mode: L, A

Rationale: Update curriculum to match contemporary industry needs. Design a program that is shorter, with fewer pre-prerequisites. Design a program that emphasizes creativity and personal development along with technical skills. Updating mediums and technologies including foundation level video, and digital media courses. This Course: Production I one is designed to equip students with a variety of skills in pre-production, production and post-production of image-based projects. Beyond simply photo editing software, this prepares students to mock-up, propose, produce and creatively alter digital, a variety of media projects involving photography. Course is modular in nature, roughly 25% Pre-Production techniques, 25% Studio practices and 50% digital imaging software. Previous Photoshop course was too long, and narrowly focused. Comparably designed to foundation level production courses at UCLA, UCI and UCR. This is a new course.

PHOT 004 IMAGE CULTURE

3 units

Foundation in media literacy focused on the power of images to communicate, influence, persuade and change people, communities and societies. Emphasis on critical engagement as well creative practices. Research and development of concepts for creative artworks geared toward beginning students. Total of 36 hours lecture and 72 hours laboratory.

Transfer Credit: CSU; UC credit under review.

Grade Mode: L, A

Rationale: This course was created to fill a need for media literacy amongst photography students. A rule of thumb in network culture is the "1%" rule which says that only very small percentage of a network's population will actually create content. We want to empower our students not only to have a critical relationship to media, but to have the influence that creators do. This also provides a foundation in project planning and research. Similar to several foundation level classes across UC arts programs.

PHOT 005 VIDEO

3 units

Foundation in digital video as an artistic and communication tool. Introduction to HD video production, editing and post-production effects. Emphasis on the creative and conceptual dimensions of video art, experimental cinema and moving images on the internet. Projects include a variety of genres from documentary to experimental. Screenings introduce a wide variety of contemporary issues and aesthetics in video. Geared toward the beginning student. Total of 36 hours lecture and 72 hours laboratory. No credit if taken after PHOT 136.

Transfer Credit: CSU; UC credit under review.

Grade Mode: L, A

Rationale: Update curriculum to match contemporary industry needs. Design a program that is shorter, with fewer prerequisites. Design a program that emphasizes creativity and personal development along

with technical skills. Updating mediums and technologies including foundation level video, and digital media courses. This Course: Video is a foundational skill now for photographers across fine art and commercial industries. This course is now lower division and foundation level with no prerequisites.

PHOT 101 FILM PHOTOGRAPHY II

3 units

Prerequisite: PHOT 001.

Advanced techniques in film cameras and printing. Introduction to large and medium format cameras production. Film processing and scanning. Advanced darkroom techniques and alternative practices for film photography. Emphasis on creative development of portfolio projects in film photography for advanced students. Geared toward advanced students. Total of 36 hours lecture and 72 hours laboratory.

Grade Mode: L, A

Rationale: This is a new course. We wish to design a program that is shorter, with fewer prerequisites. Design a program that emphasizes creativity and personal development along with technical skills. Updating mediums and technologies including foundation level video, and digital media courses. This course is updated to make it more seamless with the introductory film course. It is less prohibitively expensive than an exclusively large-format course. It provides the opportunity for students to produce portfolio work in film.

PHOT 102 DIGITAL PHOTOGRAPHY II

3 units

Prerequisite: PHOT 002.

Advanced creative practices in digital photography. Advanced tutorials in studio lighting, medium format digital camera, digital image manipulation, composing and print. Emphasis on creative development of portfolio projects in digital photography demonstrating advanced conceptual and technical skills. Geared toward advanced students. No credit if taken after PHOT 132. Total of 36 hours lecture and 72 hours laboratory. Formerly PHOT 132.

Grade Mode: L, A

Rationale: Update curriculum to match contemporary industry needs. Design a program that is shorter, with fewer prerequisites. Design a program that emphasizes creativity and personal development along with technical skills. Updating mediums and technologies including foundation level video, and digital media courses. This course has been updated to target portfolio project generation, and advanced critical and conceptual development. The course was modified from Photo 132: Advanced Digital Photography.

PHOT 103 PRODUCTION II

3 units

Prerequisite: PHOT 003.

Advanced production and art-direction for photography projects. Advanced studio practices for portraiture, product photography, fashion and editorial projects. Concept development and production design based on client projects. Exploring a variety of roles within the production process, from art-director, to studio crew, digital post-production team and management of client relationships. Geared toward advanced students. Total of 36 hours lecture and 72 hours laboratory.

Grade Mode: L, A

Rationale: Update curriculum to match contemporary industry needs. Make a program that is easier to complete through a shortened certificate and requiring fewer prerequisites. Gearing every class beyond the foundation courses toward making an industry competitive portfolio. This is a new class.

PHOT 104 EXPERIMENTAL PHOTOGRAPHY

3 units

Prerequisites: PHOT 002 or PHOT 003 or PHOT 005.

Exploring the latest advances in digital media students will explore contemporary experimental methods like glitch, animation, 3D composites and interdisciplinary projects. Geared toward portfolio project production for advanced students. Geared toward beginning students. Total of 36 hours lecture and 72 hours laboratory.

Grade Mode: L, A

Rationale: This course provides students to explore the cutting edges of photography, experimenting with high-tech tools that are shaping the future of image making. The course is geared toward providing students with the opportunity to make portfolio work with a unique progressive aesthetic. This is a new class.

PHOT 109 PORTFOLIO CAPSTONE

3 units

Prerequisite: Enrollment in or completion of PHOT 101 or PHOT 102 or PHOT 103 or PHOT 104.

Creation of a portfolio geared toward student professional goals in job training, academic transfer, entrepreneurship, or creative practice. Film photography, digital, video, and other experimental or interdisciplinary projects are supported and rigorously reviewed for technical and conceptual quality.

Covers professional practices for web portfolios, artist statements, resumes, and applying to professional opportunities. Geared toward advanced students. No credit if taken after PHOT 132. Total of 36 hours lecture and 72 hours laboratory. Formerly PHOT 132.

Grade Mode: L, A

Rationale: Update curriculum to match contemporary industry needs. Design a program that is shorter, with fewer prerequisites. Design a program that emphasizes creativity and personal development along with technical skills. Updating mediums and technologies including foundation level video, and digital media courses. This Course: The portfolio capstone is designed to allow photography students to develop a final project after acquiring skills from advanced courses. The portfolio element is meant to allow students to work outside of the tight rhythm of assignments the semester regularly demands. It expects student to exhibit the self-direction required of professionals. This course combines previous courses PHOT 135-Advanced Photography (the portfolio element) with PHOT 140 - Professional Practices for Photographers, which was not offered frequently enough and post a barrier to completion. Formerly Photo 132.