

Grossmont-Cuyamaca Community College District Articulation Agreement

High School Course	Credits	College Course	Units
Graphic Design III- Intermediate Graphic Design	10.0	GD210- Professional Digital Photography	3.0
High school(s):		College:	
Steele Canyon High School		Cuyamaca College	

Course Prerequisites

Graphic Design II - Intermediate Graphic Design

Recommended Preparation

"B" grade or higher in Graphic Design II

College Articulation Credit

"B" grade or higher in Graphic Design I - Introduction to Graphic Design (both terms)

"B" grade or higher in Graphic Design II - Intermediate Graphic Design (both terms)

College Course Description

Practical course intended for anyone interested in traditional photographic methods as they apply to digital photography. Students will learn to properly light, compose, expose, adjust, manipulate and print digital photographs. Explores advanced camera settings and file editing with Adobe Photoshop. Assignments will emphasize skills needed to produce high quality images for print and web display.

Required Content for Articulation

- 1) Advanced raw file processing
- 2) Image compositing
- 3) Exposure compositing
- 4) High dynamic range (HOR) photography
- 5) Advanced image enhancement
- 6) Photo illustration
- 7) Creating content, composition and expression.

Required Competencies (SLOs) for Articulation

Students having successfully completed this course exit with the following skills, competencies and/or knowledge:

- 1) Optimize digital photographs using advanced camera raw processing techniques.
- 2) Express a concept or theme using photo illustration as a medium.
- 3) Photograph and process high dynamic range scenes (HDR) for optimized image quality.

Assessment Methods

A grading system will be established by the instructor and implemented uniformly. Grades will be based on demonstrated proficiency in subject matter determined by multiple measurements for evaluation, one of which must be essay exams, skills demonstration or, where appropriate, the symbol system.

- 1) Exams that measure students' ability to use design terminology and explain design and technology concepts.

- 2) Exercises that measure students' ability to use computer applications to solve real-life digital image problems.
- 3) Exercises that demonstrate skillful use of a digital camera and accessories based on criteria provided by the instructor.
- 4) Exercises that require effective application of photography principles based on criteria provided by the instructor.
- 5) Exercises that require use of hardware and software applications to enhance digital photos based on criteria provided by the instructor.
- 6) Critiques that require students to verbalize and apply feedback to improve digital photos based on criteria specified by the instructor.

Rubric: Attached.

Texts and other supporting materials (software, etc.)

Representative examples:

- 1) Handouts prepared by instructor.
- 2) Supplemental: Stone, Jim and Barbara London. A Short Course in Photography: Digital. 3rd edition. Pearson, 2014.

Criteria for Course Articulation

- 1. High school and college teachers attend articulation meetings to determine curriculum alignment and articulation competency rubric.
- 2. Students must pass the high school course with a grade of "B" or higher for **BOTH** semesters of the high school course and have mastered course competencies as identified in the articulation competency rubric.

Agreement was based on Statewide Career pathways Project Template: Yes X No


Articulation meeting held: **December 2022**

Effective date: **December 01, 2022**


Expiration date: **December 01, 2025**

High School Signatures

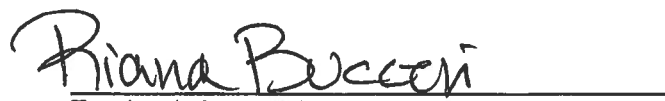
Cuyamaca College Signatures



 Teacher Date




 Instructor/Division Chair, Cuyamaca College




 Teacher (print name)



 Instructor/Division Chair (print name)



 (Principal) Date



 Dean of Career Education, Cuyamaca College Date

Scott Parr

Principal (print name)

George Dowden

Dean of Career Education (print name)

**STEELE CANYON HIGH SCHOOL
COURSE OUTLINE**

GRAPHIC DESIGN III – ADVANCED GRAPHIC DESIGN

Catalog Description

This capstone Project based course will concentrate on advanced photographic shooting and post processing techniques, with an introduction to photo-illustration. Students will learn to refine compositional and substantive aspects of photography as a means of communication. Course will cover a variety of tools and techniques for image enhancement in Adobe Photoshop and Lightroom which includes high dynamic range imagery (HDR), exposure, compositing, lighting, and color management.

Both fine and commercial art based projects will be explored consisting of advanced studio and on location techniques. Students will enhance their photography skills in a variety of fields including advertising, product photography, portraiture, photojournalism, lifestyle, and experimental techniques. They will learn and research various artists in these fields, emulating their styles, yet creating their own vision and personal style with an increase in complexity.

Throughout the course students will obtain skills necessary for producing print, web, and mobile formats. The course will culminate with each student finalizing a professional working website and portfolio that will demonstrate their final proficiency in the graphic design CTE pathway.

This course serves as the Capstone course to the Graphic Design Pathway.

Recommended Preparation

“C” grade or higher or “Pass” in GRAPHIC DESIGN II – INTERMEDIATE GRAPHIC DESIGN

Entrance Skills

Without the following skills, competencies and/or knowledge, students entering this course will be unlikely to succeed:

Ability to:

- 1) Describe and use advanced light control techniques to improve photographic quality.
- 2) Shoot, process, and edit digital raw files.
- 3) Create technically proficient and aesthetically pleasing photographic images for a variety of mediums.
- 4) Skillfully enhance, retouch, color correct and output digital photographs.
- 5) Use photography as a means for visual design, illustration and graphic communication.
- 6) Be able to use advanced techniques with the digital SLR camera

Course Content

- 1) Advanced raw file processing
- 2) Image compositing
- 3) Exposure compositing
- 4) High dynamic range (HDR) photography
- 5) Advanced image enhancement
- 6) Photo illustration
- 7) Creating content, composition and expression.

Course Objectives

Students will be able to:

- 1) Optimize digital photographs using advanced camera raw processing techniques.
- 2) Photograph and process high dynamic range scenes (HDR) for optimized image quality.
- 3) Express a concept or theme using photo illustration as a medium.
- 4) Improve upon photographic skills acquired in previous courses.

Method of Evaluation

A grading system will be established by the instructor and implemented uniformly. Grades will be based on demonstrated proficiency in subject matter determined by multiple measurements for evaluation, one of which must be essay exams, skills demonstration or, where appropriate, the symbol system.

- 1) Exams that measure students' ability to use design terminology and explain design and technology concepts.
- 2) Exercises that measure students' ability to use computer applications to solve real-life digital image problems.
- 3) Exercises that demonstrate skillful use of a digital camera and accessories based on criteria provided by the instructor.
- 4) Exercises that require effective application of photography principles based on criteria provided by the instructor.
- 5) Exercises that require use of hardware and software applications to enhance digital photos based on criteria provided by the instructor.
- 6) Critiques that require students to verbalize and apply feedback to improve digital photos based on criteria specified by the instructor.

Special Materials Required of Student

Access to adjustable digital camera, computer with reliable Internet access and Adobe Photoshop, inkjet printer, removable storage (external or USB drive), 8.5 x 11 high-quality photo printer paper

Minimum Instructional Facilities

Lab/studio with large, flat work tables, student art desks and chairs, flat files, storage cabinets, large wall spaces with bulletin boards, marker boards, bright lighting, computer projection system, computers, software, inkjet printer, digital cameras, photographic lights and stands

Method of Instruction

- 1) Lecture and demonstration
- 2) Analysis of examples of digital photos
- 3) Assignments
- 4) Individual student conferences
- 5) Student presentations, exhibitions
- 6) Instructor/student critiques
- 7) Field trips

Out-of-Class Assignments

- 1) Assigned readings
- 2) Digital photography exercises
- 3) Digital image manipulation exercises

Texts and References

- 1) Representative example: Handouts prepared by instructor.
- 2) *The New Lighting for Product Photography: The Digital Photographer's Step-by-Step Guide to Sculpting with Light*, Allison Earnst, 2019
- 3) *Commercial Photography Handbook*, Kirk Tuck, Amherst Media, 2009
- 4) Supplemental: Stone, Jim and Barbara London. *A Short Course in Photography: Digital*. 3rd edition. Pearson, 2014.

Student Learning Outcomes

Upon successful completion of this course, students will be able to:

- 1) Optimize digital photographs using advanced camera raw processing techniques.
- 2) Express a concept or theme using photo illustration as a medium.
- 3) Photograph and process high dynamic range scenes (HDR) for optimized image quality.