

Approval Dates:

Division \_\_\_\_\_

CRC \_\_\_\_\_

Board of Trustees \_\_\_\_\_

**MISSION COLLEGE  
ASSOCIATE DEGREE CREDIT COURSE OUTLINE**

**SECTION I Course Data**

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**COURSE NUMBER**

GRART 65

**COURSE TITLE****UNITS**

Desktop Color: Separations and Proofing

3

**LECTURE HOURS (PER WEEK)****LAB HOURS (PER WEEK)**

2.0

3.0

**CREDIT / NO CREDIT OPTION**  YES  NO**MAY THIS COURSE BE REPEATED?**  YES  NO; How many times? 1**RECOMMENDED FOR CREDIT BY EXAMINATION?**  YES  NO**CATALOG COURSE DESCRIPTION**

Acceptable for credit: California State University

In this course the student will learn how to create color documents using Pantone® colors, separate colors on the computer, and proof them using in-house color proofing methods and materials. process color photography and its use in industry will be discussed. Students may use a combination of photo retouching, page-layout, and illustration software. Credit/No Credit Option. *This course may be repeated one time.*

**DESCRIPTION FOR THE SCHEDULE OF CLASSES**

Prerequisite: GRART 050, GRART 063 or demonstrated subject/skill proficiency. Intermediate level of desktop publishing experience required. Students will learn how to create color separated documents using the computer and produce full color proofs of their work using in-house proofing methods. Credit/No Credit Option.

**ACCEPTABLE FOR TRANSFER CREDIT:**California State University; Yes  No University of California; Yes  No  (Check Yes to apply for UC transferability.)

**PREREQUISITE**

**COREQUISITE**

GRART 50, GRART 63 or demonstrated subject/skill proficiency

**SECTION II Course content**

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**A. COURSE CONTENT AND SCOPE**

Upon completion of this class the student should be able to:

1. demonstrate a working knowledge of how to apply color to and separate color in a document created on the computer.
2. demonstrate knowledge of the Pantone ® color system.
3. demonstrate ability to use in-house equipment designated for color proofing.
4. understand, evaluate and use work habits that are within industry standards.
5. compare and contrast the various computer software programs that use the Pantone ® system and choose the most appropriate program for producing a document.
6. produce color separated documents on the computer and then create proofs using photographic color proofing methods.
7. problem-solve separation assignments.
8. evaluate various photographic proofing systems available and determine which system is most appropriate for a given problem.
9. develop good work habits suitable for college work and industry.
10. identify career options within the industry..

**Section II**

**1. Course Content and Scope**

**A. Outline of topics to be addressed in the course**

1. Course orientation and introduction.
2. History of color proofing and printing.
3. The computerization of typesetting.
4. Basic elements of processing copy, and handling and care of disks.
5. Overview of creating multiple colored documents using desktop publishing software.
6. Basic elements in using the Pantone ® color system on the computer.
7. Overview of Chromalin ® proofing using color separated negatives.
8. Creating color separated negatives directly from the computer.
9. Equipment and materials used: hardware, software, chemistry and supplies.
10. The terminology of color separation, printing, and proofing.
11. Process color: current procedures and future trends in industry.
12. Employment opportunities in computerized color separation and proofing.



**B. Appropriate readings**

Students will be given reading assignments on a regular basis including book excerpts and periodicals as appropriate (i.e., color on the computer, color proofing materials and their use.)

**C. Writing assignments, demonstrations of ability to use symbol systems, or demonstrations of ability to apply skills learned in course**

This is a skills course and writing is not used to demonstrate critical thinking.

**D. Outside assignments**

Reading and project assignments will be based on real-world problem structures. Students will be expected to perform an average of 6 hour of reading/outside assignments per week. Assignments may include collecting work found in industry and problem solving techniques used to create the piece of work; they may involve recreating a piece of work found in industry; they may involve working on projects solicited by family, friends or people from within the community college.

**E. Appropriate assignments that demonstrate critical thinking**

All assignments involve critical thinking. Students will analyze software programs that provide Pantone® color capability and make suggestions for alternate ways to solve color separation problems. They will be required to compare and contrast examples of color separation proofing materials, and to analyze the most effective techniques to use in solving a color printing/proofing problem.

**2. Method of Instruction**

- A. Lecture
- B. Demonstrations
- C. Slide, film, and video materials
- D. Field trips
- E. Guest lectures
- F. Printed materials, i.e., books, magazines, etc.
- G. Lab practice in the use of equipment

**3. Appropriate Texts and Supplies**

- A. Required text:
- B. Selected reading from *Publish* magazine, and other publishing and graphic design books and magazines.
- C. Miscellaneous supplies, i.e., 3-ring binder, unlined paper, pens and pencils, type gauges, and a pica ruler.

**4. Evaluation**

Evaluation of students based on: 1) performance on lab assignments; 2) quizzes; 3) mid-term exam; 4) final exam; 5) attendance; 6) class participation.

**5. Cultural Pluralism**

Cultural pluralism is encouraged through group and paired learning activities with classmates from various cultures.

2/14/95