



ACOM 2420

Division: Career and Technical Education

Department: Art and Graphic Communications

Course: ACOM 2420

Title: Advanced Image Assembly and Platemaking

Catalog Description:

This course is a competency based course of study. Students will study and practice advanced techniques in image assembly and platemaking. Successful completers will have the experiences that give them job entry skills as strippers (lithographic imposition) and platemakers.

General Education Requirements: N/A

Semesters Offered: TBA

Credit/Time Requirement: Credit: 3; Lecture: 2; Lab: 3

Clock/Hour Requirements: 75

Offered for Non-Credit: No

Prerequisites: ACOM 1210, ACOM 1310

Corequisites: None

Justification:

This curriculum is approved by the program advisory committee. A similar course is taught at Dixie College (GCOM 2320).

Student Learning Outcomes:

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

- understand material safety data sheets
- produce process spot color using tint screens
- produce duotones and posterizations
- produce special effects in the prep area
- process color stripping, proofing, and platemaking.

Content:

Course objectives will be accomplished by providing students with experience in the following areas:

- safety and equipment

- job tickets
- Materials Safety Data Sheets (MSDS) and waste disposal
- exposure techniques and paper characteristics
- register pins, creating traps, and plating materials
- signature stripping
- complimentary flats
- screen tints
- special effects
- color theory and screen angles
- duotones, posterizations, spot color, and process stripping and proofing
- process stripping with color bars
- imaging and plate scanning technologies
- common problems in stripping.

General Education Outcomes:

6) Apply computational skills to a variety of contexts.

Measurement of materials and content is required in most media. The concepts of proportion, scale, and the application of these concepts are required for effective performance in the graphic communications field.

Key Performance Indicators:

In class:

- Student progress will be determined by quizzes (10%), tests (10%), assignments (60%), and instructor evaluation (20%).

Following class:

- Upon completion of this course, students will demonstrate success in subsequent courses and on customer projects.

Representative Text and/or Supplies:

- Z. A. Prust, *Graphic Communications*, current edition, Goodheart-Willcox Company.

Optimum Class Size: 15

Maximum Class Size: 25

Signatures:

I hereby submit this course syllabus:

Jim Puzey, ,

I hereby find this course consistent with the goals and resources of the Art and Graphic Communications Department:

, , , Chair

I hereby find this course consistent with the goals and resources of the Career and Technical Education Division:

Michael P. Medley, MBA, Assistant Professor, Dean

I have discussed the need for library resources related to this class with the person submitting the syllabus:

Lynn Anderson, MLIS, Technical Services Librarian (Main Campus)

Michelle Olsen, MLS, Campus Librarian (Richfield Campus)