COURSE DESCRIPTION
Covers fundamentals of offset printing as well as new technologies on the digital print arena. Provides knowledge of press maintenance and safety, feeder systems, registration requirements, ink systems and color management tools and techniques in the print industry.

Prerequisite: GRA 102 and 105 with grades of C or better or consent of coordinator.

TOPICAL OUTLINE
I. Safety procedures
II. Offset and digital press operation
III. Roller and ink systems
IV. Dampening systems
V. Paper feeder systems
VI. Registration methods
VII. Press maintenance
VIII. Color management

METHOD OF PRESENTATION
1. Lecture and press demonstration
2. Field trips
3. Problem solving and discussion

STUDENT OUTCOMES (The student should be able to …)
1. set-up offset press.
2. set-up ink and dampening systems.
3. understand registration.
4. maintain color consistency.
5. feed different paper stocks.
6. complete press maintenance.

METHOD OF EVALUATION
1. Lab assignments
2. Paper related to industry topic
3. Tests and quizzes

TEXTBOOK
None

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Fall 2007