

# MESABI RANGE COLLEGE

## Course Outline

Course Title: Imaging

Submitted By: Paul  
McLaughlin

Semester Course Prefix and Number: GRAP 1235

Approval Date:

Old Quarter Course Prefix and Number:

Revision Date: Nov 2014

Number of Credits: 3

Number of Lecture Credits: 1

Semester(s) Offered:

Number of Lab Credits: 2    Number of Lab Hours: 4

Class Size: 22

Number of Studio/Demonstration/Internship Credits:

Negotiated by AASC on:  
(date)

### Course Purpose Code:

\_\_\_\_\_ 0 – Developmental Courses

\_\_\_\_\_ 1 – Non-transferable

  x   2 – Technical course related to career programs

\_\_\_\_\_ 3 – College course which has the primary goal of applying certain concepts (e.g. vocal ensemble)

\_\_\_\_\_ 4 – Other college course not considered a part of MNTC (e.g. computer science, health, physical education)

\_\_\_\_\_ 5 – Course which is intended to fulfill the Minnesota Transfer Curriculum (MNTC) requirements or intended for transfer.

\_\_\_\_\_ 9 – Continuing Education/Customized Training specialized credit course (not occurring in 0-5)

**Catalog Description: Students in this course will be introduced to imaging paper, other substrates, and digital printing methods from an output-ready file. As students develop an understanding of these processes, they will also master concepts of imaging systems, process control, densitometry, ink, toners, and substrates. Finally students will be creating reproductions using both the two color and four color processes.**

### Prerequisites and/or recommended entry skills/knowledge:

Course Prerequisite(s):

Reading Prerequisite:

Composition Prerequisite:

Mathematics Prerequisite:

### Career Programs and Transfer Majors Accessing this Course:

### Minnesota Transfer Curriculum Goal(s) partially met by this course if applicable:

(Notes: No more than two goals may be met by any one course. AASC review and the Chief Academic Officer's approval are required.)

0.   x   None

1. \_\_\_\_\_ Communications

2. \_\_\_\_\_ Critical Thinking

3. \_\_\_\_\_ Natural Sciences

4. \_\_\_\_\_ Mathematical/Logical Reasoning

5. \_\_\_\_\_ History and the Social and Behavioral Sciences

6. \_\_\_\_\_ The Humanities and Fine Arts

7. \_\_\_\_\_ Human Diversity

8. \_\_\_\_\_ Global Perspectives

9. \_\_\_\_\_ Ethical and Civic Responsibility

10. \_\_\_\_\_ People and the Environment

**Learning Outcomes:** (including any relevant competencies listed in the Minnesota Transfer Curriculum)

Upon completion of this course, the student will be able to:

1. Review mechanical safety requirements when working with offset press equipment.
2. Describe a job jacket/ticket.
3. Create a job ticket using instructor specified instructions.
4. Identify the basic systems and parts of an offset press, feeder, printing unit, and delivery.
5. Describe the paper path of a sheet-fed offset press.

**Student Assessment Methods:**

**Portfolio, quizzes, and hands on learning.**

**Use of Instructional Technology:** (includes software, interactive video and other instructional technologies):

**Additional Special Information:** (special fees, directives on hazardous materials, etc.)

**Transfer Information:** (Please list colleges/majors that accept this course in transfer.)

Bemidji State University, University of Minnesota – Duluth.

**Affiliated Mesabi Range College Courses and Programs:**

**Approvals:**

Body	Representative Signatures	Date
Faculty Association		
Academic Affairs Standards Committee		
Chief Academic Officer		

**Distribution:** Original – Instructional Services  
**Copies:** Transfer Specialist, Originating Faculty Member, Records  
**Revised:** December 2012