JACKSON SCHOOL DISTRICT

TECHNOLOGY DEPARTMENT

COURSE PROFICIENCY

GRAPHIC COMMUNICATIONS 1

GRADE 11, 12

5 Periods per Week

Level: Elective

Credits: 5

**DESCRIPTION OF COURSE CONTENT**

In this Graphic Communications I class techniques and procedures are acquired through active participation. Techniques studied during the year include: Layout, Design, Colors, Computer Graphics, Plate making, Stripping, Presswork, and Bindery. Projects are adopted to the needs and interests of students.

**DESCRIPTION OF EXPECTED LEARNING**

The student will be able to:

1st Marking Period

1. Name and describe the 4 major printing processes.
2. Discuss the size and scope of the printing industry.
3. List and describe the 5 principles of design.
4. Draw examples of the three types of balance and three types of visual weight.
5. Learner will define primary and secondary colors, also complementary, analogous, and triadic color harmony.
6. Learner will display ability to identify the 8 parts of a piece of foundry type.
7. Learner will use and understand the printer measuring system points and picas.
8. Learner will draw and label each type of composition paper.
9. Learner will be able to identify the 6 major typefaces categories.
10. Learner will display ability to use a proportional scale.

2nd Marking Period

1. Learner will display ability to use the Merlin Machine.
2. Learner will display ability to use Xerox Memory Writer.
3. Learner will have basic working knowledge of Macintosh SE and the McIntosh.
4. Learner will design and print a business card (10-up) on the Macintosh.
5. Learner will be able to create a thumbnail sketch.
6. Learner will be able to create a rough sketch.
7. Learner will be able to 'create a Mechanical/Paste Up.

3rd Marking Period

1. Learner will be able to create a two color paste-up with overlay for magazine cover project.
2. Learner will display ability to make an electrostatic plate on the 2500 plate maker.
3. Learner will display the ability to develop an electrostatic plate.
4. Learner will display the ability to set up, load, and run the 10 bin collator.
5. Learner will display the ability to set up and fold a tri-fold brochure on the folding machine.
6. Learner will display the ability and safe working procedure for setting up the paper cutter to cut notepad in half.
7. Learner will display the ability to set up and run the 1250 Offset Press.

4th Marking Period

1. Learner will display the ability to shoot a line copy negative using Camera II at 100%.
2. Learner will display the ability to trip a line copy negative into a flat.
3. Learner will display the ability to burn and develop a metal plate.
4. Students will brainstorm, develop, design, typeset layout, and paste-up a two color brochure.

**EVALUATE MEANS TO DETERMINE MASTERY**

Each student will be evaluated based on his/her mastery of the basic proficiencies and the success in meeting these course requirements.

1. Teacher prepared quizzes and tests.
2. Completion and grading of laboratory projects and school jobs.
3. Daily and consistent participation in assigned class duties, responsibilities, and activities.
4. Demonstration of safe and courteous work habits.