Course Number: DPA-0336
OCAS Code: None
Course Length: 120 Hours
Career Cluster: Arts, A/V Technology & Communications
Career Pathway: Printing Technology
Career Major(s): Print Production

Pre-requisite(s): Reproducing graphic images. The various methods of graphic imaging include screen process, raised lettering, gravure, engraving and the largest method - offset. Produce assignments reflecting knowledge of basic press fundamentals of ink/water balance, color management and preventive maintenance while operating a small press.

Textbooks:
- The GATF Sheetfed Offset Training Program by GATF Staff, GATF Press Pittsburgh (1998)
- Printing in a Digital World by David Bergsland, Delmar, Thomson Learning (1997)

Course Objectives:

A. Complete an Introduction to Basic Press Operations.

1. Identify basic offset press parts and operations.²
2. Identify basic safety and operation procedures for single-color printing on a small offset press.²
3. Perform basic set-up for printing a single-color job.²
4. Produce a single-color printed job using a small offset press.²
5. Perform daily cleanup and maintenance.²
6. List the advantages and disadvantages of digital printing versus offset printing.²
7. Describe the use and applications for digital printing in the printing industry.²
8. Describe the main technologies and equipment used in digital printing.²

² Print ED competencies

Teaching Methods:
The class will primarily be taught by the lecture and demonstration method and supported by various media materials to address various learning styles. There will be question and answer sessions over material covered in lecture and media presentations. Supervised lab time is provided for students to complete required projects.
**GRAPHIC IMAGING**

**Grading Procedures:**
1. Students are graded on theory and shop practice and performance.
2. Each course must be passed with seventy (70%) percent or better.
3. Grading scale: A=90-100%, B=80-89%, C=70-79%, D=60-69%, F=50-59%.

**Description of Classroom, Laboratories, and Equipment:**
Tulsa Technology Center campuses are owned and operated by Tulsa Technology Center School District No. 18. All programs provide students the opportunity to work with professionally certified instructors in modern, well-equipped facilities.

**Available Certifications/College Credit:**
The student may be eligible to take state, national or industry exam after completion of the program. College credit may be issued from Oklahoma State University-Okmulgee or Tulsa Community College. See program counselor for additional information.

**College Credit Eligibility:**
The student must maintain a grade point average of 2.0 or better.