



South Central College

# GCC 2161 Production Work Flow 1

## Common Course Outline

### Course Information

<b>Description</b>	This course is designed to introduce the Graphic Communications student to the workplace through tours, live projects, and special topics. Students will perform production tasks of design work of the student and/or live work of a customer within the college or non-profit entities within the community. These hands-on projects will incorporate all phases of graphic communications from design to workflow to production and finishing. Emerging technology and topics will also be discussed and researched as part of this course. (Prerequisites: GCC 1220 and GCC 1260)
<b>Total Credits</b>	3
<b>Total Hours</b>	80

### Types of Instruction

Instruction Type	Credits/Hours
Lecture	1/16
Lab	2/64

### Pre/Corequisites

Prerequisite GCC 1220 and GCC 1260

### Institutional Core Competencies

Communication - Students will be able to demonstrate appropriate and effective interactions with others to achieve their personal, academic, and professional objectives.

Critical and Creative Thinking - Students will be able to demonstrate purposeful thinking with the goal of using a creative process for developing and building upon ideas and/or the goal of using a critical process for the analyzing and evaluating of ideas.

### Course Competencies

#### 1. Differentiate various processes within Graphic Communications facilities.

##### Learning Objectives

Tour graphic communications facilities.  
Observe the various tasks and functions within the industry.

#### 2. Interpret workflows within the industry.

##### Learning Objectives

Explain necessary steps and how a job flows from concept to finished piece.

Diagram various workflows of projects.  
Utilize equipment to manage the workflow of data.

**3. Explain various substrates and inks within the industry.**

**Learning Objectives**

Research various substrates and their use within the industry.  
Research various inks and their use within the industry.  
Output files onto various substrates.  
Troubleshoot problems when working with various substrates and inks.

**4. Demonstrate proficiency while working with various file structures.**

**Learning Objectives**

Differentiate among various file formats and the purpose they serve.  
Manipulate various file format settings to control the file creation.  
Repurpose job files for various digital devices.

**5. Implement a process for preflighting files.**

**Learning Objectives**

Explain the purpose of preflighting.  
Research industry preflight departments.  
Use various software tools to preflight files.  
Fix problem files with various software tools and applications.

**6. Apply color management to files from creation to output.**

**Learning Objectives**

Embed ICC profiles at file creation.  
Employ color profiles at the output stage of a project.

**7. Perform proofing and plating outputs.**

**Learning Objectives**

Create various files for outputting.  
Perform file management functions on servers and within workflow software.  
Operate color-proofing and plating devices.  
Troubleshoot problems as they arise.

**8. Operate printing equipment.**

**Learning Objectives**

Operate printing devices within lab.  
Display safe actions while operating equipment.

**9. Operate finishing equipment.**

**Learning Objectives**

Set-up and operate paper cutter.  
Set-up other finishing equipment according to various projects.

**10. Maintain equipment within the lab.**

**Learning Objectives**

Explain the importance of maintaining equipment.  
Perform necessary maintenance of various devices.

**11. Utilize various networks and storage devices for saving digital files.**

**Learning Objectives**

Demonstrate organizational skills of storing electronic data.  
Save files and supporting material as instructed.

**12. Research costs involved within the industry.**

**Learning Objectives**

Determine labor, material, overhead and hidden costs within the industry.

Prepare cost estimates for various graphics projects.

**13. Research emerging trends and technology within the industry.**

**Learning Objectives**

Explain terms and processes as they related to the Graphic Communications industry.  
Research industry websites and journals for emerging technology and trends.

**14. Demonstrate industry-related work ethics and habits.**

**Learning Objectives**

Maintain clean work area and be responsible for weekly cleaning assignments.  
Recycle consumables when applicable.  
Develop ethical habits for working in a digital environment.