

SkillsUSA 2007 Contest Specifications – Digital Workflow

Purpose

The purpose of the Digital Workflow section is to allow the students to experience a real world application of how print jobs are produced using digital proofing and CTP devices. The following objectives and instructions will walk the students through a typical digital workflow using Hewlett-Packard digital print solutions.

Objectives

1. Follow instructions for proof settings in the print window of the chosen application.
2. Produce a suitable monochrome proof using the chosen application.
3. Follow instructions for plate settings in the print window of the chosen application.
4. Produce suitable color separation plates using the chosen application.
5. Submit completed materials of the assigned job with your number.

Time

Each student will have 15 minutes to complete this section of the test.

Procedures

1. Read the instructions provided to complete the project.
2. Study samples of a completed job.

Judging

Scoring will reflect the student's ability to:

1. Print the document using the instructions provided for proofing.
2. Print the document using the instructions provided for plating.

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100 Total Points 15 Minutes

FOR INDESIGN USERS

Directions: Follow the instructions below to output the necessary proof and plates. See the attached samples for reference of how your prints should look.

PLEASE NOTE: YOU WILL NOT BE MAKING ANY CHANGES WHATSOEVER TO THE FILE. YOU WILL ONLY BE PRINTING THE FILE.

1. The document size to be printed is **5.5 x 8.5**
2. The plate size you have is **8.5 x 11**
3. Open the *DFW* folder on the desktop and then open the folder with your student number.
4. Inside are a Quark and an InDesign file. Open the **InDesign** file.
5. Print a color **composite** proof (**1 total**) with the following parameters:
 - a. Select the **PlateMaker** print preset
 - b. **Centered** page positioning within an **8.5 x 11** page
 - c. **1/8"** bleed
 - d. Crop marks, registration marks, and page information
 - e. **Composite Gray**
 - f. Resolution of **300 dpi**
 - g. Frequency of **60 lpi**
6. Print the file
7. Retrieve print out from the laser printer
8. Print a set of **color-separated** plates (**2 total**) with the following parameters:
 - a. **Separations**
 - b. Line frequency for black and Pantone 726 of **60**
 - c. Line angle for black of **90°**
 - d. Line angle for Pantone 726 of **45°**
 - e. Select **only** the **Black** and **Pantone** color for output
9. Print the file
10. Retrieve print out from the laser printer
11. **CLOSE YOUR FILE WITHOUT SAVING CHANGES AND CLOSE INDESIGN.**
12. **Write your student number on each print out.**
13. Submit all prints to the judge.

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100 Total Points 15 Minutes

FOR QUARKXPRESS USERS

Directions: Follow the instructions below to output the necessary proof and plates. See the attached samples for reference of how your prints should look.

PLEASE NOTE: YOU WILL NOT BE MAKING ANY CHANGES WHATSOEVER TO THE FILE. YOU WILL ONLY BE PRINTING THE FILE.

1. The document size to be printed is **5.5 x 8.5**
2. The plate size you have is **8.5 x 11**
3. Open the **DFW** folder on the desktop and then open the folder with your student number.
4. Inside are a Quark and an InDesign file. Open the **QuarkXPress** file.
5. Print a color **composite** proof (**1 total**) with the following parameters:
 - a. Select the **PlateMaker** printer style
 - b. **Centered** page positioning within an **8.5 x 11** page
 - c. **1/8"** bleed
 - d. Registration marks
 - e. **Composite Grayscale**
 - f. Resolution of **300 dpi**
 - g. Frequency of **60 lpi**
6. Print the file
7. Retrieve print out from the laser printer
8. Print a set of **color-separated** plates (**2 total**) with the following parameters:
 - a. **Separations**
 - b. Line frequency for black and Pantone 726 of **60**
 - c. Line angle for black of **90°**
 - d. Line angle for Pantone 726 of **45°**
 - e. Select **only** the **Black** and **Pantone** color for output
9. Print the file
10. Retrieve print out from the laser printer
11. **CLOSE YOUR FILE WITHOUT SAVING CHANGES AND CLOSE QUARK.**
12. **Write your student number on each print out.**
13. Submit all prints to the judge.

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Student # _____

Scoring

Proof Crop and Registration Marks	25	_____
Proof Page Positioning	30	_____
Plate Crop and Registration Marks	10	_____
Plate Page Positioning	10	_____
Plate Line Frequency (65°)	15	_____
Plate Line Angle (Black=90°)	15	_____
Plate Line Angle (Spot=45°)	15	_____
Total	120	_____

Take total points and divide by 120 to get final score.

Final Score _____