



SERIES: COMMERCIAL DESIGN C CONTEST: GRAPHIC COMMUNICATIONS



Series Director: BUTCH DION • rdion@gltech.org

Competition: Greater Lowell - Graphics Shop with Event Manager: William Fontaine

REQUIREMENTS AND SCOPE OF CONTEST

Advisors will be sent log-on information for the **Learning Management System**, which will be open on April 10. Contestants must submit an electronic copy of their resumé to the **LMS** by April 26, by 5:00pm.

Clothing Requirements: avoid a clothing penalty

Blue or black work pants, as shown	Safety Shoes or Work Boots	Safety glasses
SkillsUSA Massachusetts T-Shirt, provided	NO jeans	NO cell phones or SmartWatches allowed

Safety: avoid a safety violation or being removed from the contest

NO loose/long hair (must be secured)	NO loose clothing	NO jewelry	NO sneakers, open toes or Crocs
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Tool Requirements: Contestants must submit online a one-page type-written resume, failure to do so will result in a 50-point penalty

Pencil with eraser	Blue pen	Ruler/line Gauge	Calculators may be used but are not a requirement
Safety glasses worn when necessary		8GB Empty Flash Drive or larger	

National Skills:

The contest consists of four parts. The contestant is judged on the following: estimating; bindery operations; offset duplication; and final art using a desktop computer and software system.

State Skills:

Contestants will demonstrate their ability to perform selected tasks from the following list of competencies.

The Technical Committee may select any or all tasks from the following list:

Part 1: Production Planning - Follow directions, Material Costs, Timeline for Completion, Job Ticket, Paper Grain and Weight

Part 2: Electronic Prepress - Page Layout, Design and Composition, Printer's Marks, Trim Size, Digital Files

Part 3: Finishing - Fold, Collate, Stitch and Trim to Size

Part 4: Digital Workflow - PreFlight, Client Proofing, Client Sign-Off, Sending to an Output Device

Part 5: Professional Presentation - Portfolio of Work, Presentation to Client

Operating Equipment:

Contestants will be using a range of technical equipment to demonstrate their skills, as discussed above.



SERIES: COMMERCIAL DESIGN C CONTEST: GRAPHIC IMAGING SUBLIMATION



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Competition: Greater Lowell - Graphics Shop with Event Manager: William Fontaine

REQUIREMENTS AND SCOPE OF CONTEST

Advisors will be sent log-on information for the **Learning Management System**, which will be open on April 10. Contestants must submit an electronic copy of their resumé to the **LMS** by April 26, by 5:00pm.

Clothing Requirements: **avoid a clothing penalty**

Blue or black work pants, as shown	Safety Shoes or Work Boots	Safety glasses
SkillsUSA Massachusetts T-Shirt, provided	NO jeans	NO cell phones or SmartWatches allowed

Safety: **avoid a safety violation or being removed from the contest**

NO loose/long hair (must be secured)	NO loose clothing	NO jewelry	NO sneakers, open toes or Crocs
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Tool Requirements: **Contestants must submit online a one-page type-written resume, failure to do so will result in a 50-point penalty**

- Supplied by the technical committee:

White 100% Polyester Shirt	White 11oz. Ceramic Mug	Blank Aluminum License Plate	White Mouse Pad
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- Supplied by the contestant:

Pencil with eraser	Safety glasses worn when necessary	Blue pen
Ruler/line Gauge	Calculators may be used but are not a requirement	8GB Empty Flash Drive or larger

Required Material Descriptions:

Standard 11 oz. White Coffee Mug	7.75" x 9.25" White Mouse Pad	White Polyester Knit T- Shirt
White 5.875" x 11.875" .030" Aluminum Economy License Plate		

National Skills:

To evaluate each contestant's preparation for employment and to recognize outstanding students for excellence and professionalism as a sublimation technician in the field of graphic imaging.

State Skills:

Contestants will demonstrate their ability to perform selected tasks from the following list. The Technical Committee may select any or all tasks from the following list. The competition will assess student participants' knowledge and skills of graphic imaging sublimation at the testing stations listed below:

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|---|--|
| Create a theme that will be used on all items | Design a digital image |
| Print transfer sheets using a sublimation printer | Print a graphic on a Mug using a mug press |
| Design and print a mouse pad | Design and print on a license plate |
| Design and print on a polyester t-shirt | Take a written technical knowledge test |

Operating Equipment:

Contestants will be using a range of technical equipment to demonstrate their skills, as discussed above.



SERIES: COMMERCIAL DESIGN C CONTEST: SCREEN PRINT TECHNOLOGY



Series Director: BUTCH DION • rdion@gltech.org

Competition: Greater Lowell - Graphics Shop with Event Manager: William Fontaine

REQUIREMENTS AND SCOPE OF CONTEST

Advisors will be sent log-on information for the **Learning Management System**, which will be open on April 10. Contestants must submit an electronic copy of their resumé to the **LMS** by April 26, by 5:00pm.

Clothing Requirements: **avoid a clothing penalty**

Blue or black work pants, as shown	Safety Shoes or Work Boots	Safety glasses
SkillsUSA Massachusetts T-Shirt, provided	NO jeans	NO cell phones or SmartWatches allowed

Safety: **avoid a safety violation or being removed from the contest**

NO loose/long hair (must be secured)	NO loose clothing	NO jewelry	NO sneakers, open toes or Crocs
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Tool Requirements: **Contestants must submit online a one-page type-written resume, failure to do so will result in a 50-point penalty**

- Supplied by the technical committee:
2 white 100% cotton shirts for each contestant
- Supplied by the contestant:
Safety Glasses with side guards, for screen reclaiming
Ruler, permanent marker
Safety glasses worn when necessary
Ear protection and latex gloves, for screen reclaiming
8GB Empty Flash Drive or larger
Optional: Smock or apron, optical devices

Required Material Descriptions:

White Cotton T- Shirts

State Skills:

Part 1: Production Planning - Follow directions, gather materials, estimate project costs, create timeline for completion

Part 2: Image Preparation - Full Color Design, Color Separations, Dimensions of Artwork, Digital Files

Part 3: Screen Preparation - Coat Screen with Emulsion, Blockout

Part 4: Print Operations - Screen Alignment for three colors, Test Print for Two Color Registration, Adjustments

Part 5: Finishing - Setting Ink, Clean-up

Part 6: Professional Presentation - Portfolio of Work, Presentation to Client

Overall Point Structure: Points will be adjusted accordingly to total 1000 points.