



Architectural Drafting

2022 SkillsUSA Michigan State Championships

Contest Description Task and Materials List

CONTEST LOCATION:

Amway Grand Plaza Hotel
187 Monroe Avenue NW
Grand Rapids, MI 49503, US
(616) 774.2000
<http://www.amwaygrand.com/>

RESUMÉ:

Each student must submit a one-page printed resum  before the contest starts at the contest site (present to the contest coordinator, not judges). The resum  is no longer submitted online. This is the only time that resum s can be turned in. Failure to do so will result in a 10 point penalty.

TIMES SCHEDULE ON CONTEST DAY

- Setup: 8:00 am to 8:45 am
- Contest: 9:00 am to 3:00 pm

TASKS TO BE PERFORMED:

- Design a "Residential Structure or Addition"
 1. Design a detailed Floor Plan(s) that is ADA compliant
 2. Create Schedules and Color Fill Legend
 3. Create major Elevation(s)
 4. Create Building Section and/or Interior Elevation
 5. Create Dormers
 6. Plot to a .PDF file. (if unable, contact your local IT dept to set this up)

The Architectural Graphic Standards or a single Architectural classroom textbook will be the only reference allowed. The contest technical committee will provide other reference material deemed necessary.

STUDENTS MUST SUPPLY:

- Calculator (if desired)
- Computer with monitor or laptop (multiple monitors allowed)
- CAD software already installed on computer and licensed (no network service)
- PDF conversion software already installed on computer (for contest submission)
- Resume

CLOTHING REQUIREMENTS:

- Collared SkillsUSA white shirt
- Dress black pants or skirt
- Dress black belt
- Dress black shoes and socks

1. The drafting portion of the contest is sketching.
2. CAD portion of the contest is set up with CAD workstations.
3. IMPORTANT – Contestants must bring their own computer (either desktop or laptop) and necessary accessories with the CAD software already loaded. You are responsible for the security and maintenance. Computer hardware and software will NOT be provided.
4. Network/Bluetooth connections – Bluetooth on laptops must be disabled. No network plotting is required. Contestants must plot to a .pdf file for digital judging.
5. No teachers or advisors will be allowed in the contest area once the contest begins.

The State Office and Contest Chairperson must clear any other special requests. Please contact Contest Chairperson Steve Vasiloff (vasilofs@salineschools.org) during school hours for any further questions or requests.

2022 Architectural Drafting Scorecard

1	Floor Plan (ADA Compliant)	400	
2	Exterior Elevation	200	
3	Building Section	150	
4	Dormers	50	
5	Interior Elevation	50	
6	Schedule(s)	50	
7	General Notes/Dimensioning	50	
8	Layout/Format/Time	50	
	Clothing	-10	
	Resume Penalty	-10	
	Final Score	1000	

Competitor Number: _____

Total Points : _____

Final Place: _____

High School / Post Secondary (circle one)