

**2017 MICHIGAN SKILLS USA CHAMPIONSHIPS
TASK AND MATERIALS LIST**

SKILL OR LEADERSHIP AREA: HEATING

CONTEST LOCATION:

Ferris State University
Granger Center for Construction & HVACR
605 South Warren Ave.
Big Rapids, MI, 48307
<http://www.ferris.edu/HTMLS/colleges/cot/HVACR/homepage.htm>

Important Transportation Information:

HVACR and Heating competitors are on a different transportation schedule than all other competitors. Because of the time crunch, the following transportation/contest schedule will be followed and strictly adhered to on Saturday, April 8, 2017!

- All HVACR and Heating competitors will need to be at the Amway Grand Plaza Hotel on the Lyon Street side of the hotel by 6:30 am for transportation to FSU. The bus will arrive and depart from the Amway Grand Plaza Hotel on the Lyon Street side of the hotel. Lyon Street is on the back side of the hotel between the Amway and DeVos Place.
- The bus to FSU will leave from the Amway Grand Plaza Hotel at exactly 6:45 am. Any competitor not on the bus at that time will need to find their own transportation to FSU.
- Only competitors will be bused to the contest site.
- All contests will start precisely at 8:00 am. Any competitor not at FSU by 8:00 am will be disqualified.
- There will NOT be a meeting Friday Night to discuss transportation, contact Jill Trinklein with questions at JillTrinklein@ferris.edu or (231) 591-2695.

RESUME:

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

TASKS TO BE PERFORMED:

- Gas furnace (90+)
- Gas furnace (80 +)
- Gas furnace (electronic) (component replacement)

- Component identification (heating only) -- or written heating test
- Air Flow Measurement
- Written test—SkillsUSA professional development test

STUDENTS MUST SUPPLY:

- Amp Meter
- Volt/Ohmmeter
- All necessary hand tools
- Safety glasses with side shields
- Work shoes (No Athletic Type)
- **NO JUMPER WIRES**
- Resume – 1 page

RULES AND REGULATIONS:

1. Safety glasses with side shields must be worn while in laboratory area.
2. Work shoes must be worn by all contestants. (No Athletic Type)
3. Proper work attire must be worn by all contestants.
4. **Contestants who do not have safety glasses and work shoes will be barred from the competition. (NO EXCEPTIONS)**
5. No cellphones.

Revised 3/2/17

SCORECARD Heating

Contestant Number

Items Evaluated	Possible Points							
Parts Identification	200							
Component Replacement Gas Furnace	200							
Gas Furnace 90+ Troubleshooting	200							
Gas Furnace 80+ Troubleshooting	200							
Air-Flow CFM	200							
Résumé Penalty	0 or -10 only							
Clothing Penalty	0 to -50							
Total Possible Points	1000							

Date:

Judges' Signatures:
