

Tool List - 2019

MINIMUM *Required* for participation in Individual or Fabrication Contest 2019

- Welding Hood with at least a #10 shade filter lens w/extra lenses
- Leather Welding gloves
- Welding cap, beanie, doo-rag, etc...
- ANSI safety glasses
 - Safety glasses with side shields or goggles (prescription glasses can be worn only if they are equipped with side shields. If not, they must be covered with goggles).
- Cutting shield, glasses, or goggles with at least a #5 shade
- Soap stone
- Silver pencil
- Sharpie
- #2 Pencil, for written exam
- Tape measure
- Chipping hammer
- Wire brush
- Oxy-fuel spark lighter, striker
- Center Punch
- Vise grips
- C-clamps
- Compass
- Square
- Scribe
- Ball peen hammer
- Adjustable wrench
- Welpers / side cutters / GMAW Pliers
- File
- 4" angle grinder (**Fab ONLY**)
- 3 prong extension cord (**Fab ONLY**)
- Face shield for grinding (**Fab ONLY**)
- Hearing protection for grinding (**Fab ONLY**)
- *****GTAW parts to fit a 17V GTAW Torch, **NOT provided by Tech Chair / Host school / or sponsors*******
 - Collet
 - Collet Body or gas lens
 - Cups
 - Back cap
 - Tungsten

Attire

Class I Welding/Welding Fabrication

For both Men and Women

- Good condition Work Shirt – Long sleeved 100% Cotton
 - Official SkillsUSA Khaki
- Good condition Work Pants – 100% Cotton
 - Official SkillsUSA Khaki
- ALL Leather bodied boots that cover the ankle, NO cloth patches like found on hiking boots
 - Black, brown, or tan leather work shoes

