

Please review the following information with your students in **Electronics Technology** to better prepare for the upcoming SkillsUSA State Leadership & Skills Competition 2026.

The competition will be held in the labs of the Electronics Technology Department at Madison College on Tuesday and Wednesday (**MATC) A2116 (Second Floor)**)

Competition Schedule Outline

See what the contestant needs to bring from the state [contest guidelines](#).

- The following equipment **will be provided** for all required activities; however, you are welcome to bring your own if you feel more comfortable using it. We will be working in the MATC labs and will have full access to their equipment for all hands-on activities:
 - e. 25-watt soldering iron and associated soldering supplies (Note: No soldering guns allowed)
 - g. Digital multimeter capable of measuring ohms, volts and current
 - h. 20 or more MHz dual trace oscilloscope
 - i. Two 10x probes

All other listed materials the the responsibility of the contestant:

- a. Small pliers
- b. Wire cutter
- c. Wire stripper for No. 28 and No. 30 gauge wire
- d. Small, assorted screwdriver set (Phillips and slotted)
- Other hand tools as desired, subject to the approval of the technical committee
- Calculators (can have scientific notation but cannot be programmable)
- k. All competitors must create a one-page resume. See “Resume Requirement” below for guidelines.

Tuesday (Day 1) 3:00pm - 5:00pm

- **Official/competition dress is not needed for contest briefing**
- We will discuss the contest and what competitors will need to complete on Wednesday
- Question and Answer Session (you may ask me any questions directly and I will do my best to answer on the fly)
- **Resumes will be collected** (one copy, -10pt penalty if not turned in)
- **Written Test** - 100pts of overall contest (Writing utensil, scratch paper and calculator)
 - The test will be a multiple choice, paper and pencil test.
- As soon as we have completed the Introduction, Q&A and Knowledge Test, all contestants are free to leave (they do not have to stay the entire time)

Wednesday (Day 2) 8:00am - 2:00pm

- 8:00am - Welcome/orientation from Contest chair and judges.

- Overview of the competition / competition schedule
 - 8:30am Soldering
 - 11:30 a.m. Lunch (approximate time)
 - 2:00pm Conclusion of competition
- Late resumes will be collected with a -2 point late deductible
- Official/competition dress is assessed during competition (up to a -10pt penalty)
- 11:00am-12:00pm Lunch will be delivered by SkillsUSA (30 minute lunch break for all)
- 2:00pm - Contestants cleanup work area and receive their soldered projects.