

2026 SkillsUSA Info Updated
Guilford Technical Community College
Center for Advanced Manufacturing Building (CAM)

4/16/26

Park Here



6012 West Gate City Bld, Greensboro, NC 27407

There will be a clothing & resume penalty for the contestant.

Four contests are:

CNC 3-Axis Milling Programmer (was CNC Milling), CNC 2-Axis Turning Programmer (was CNC Turning), CNC Programmer (was CNC Technician), CNC 5-Axis Milling

Competitors will receive a Data Sheet with a print, solid model file, and process sheet

Computers will not be issued, competitors are expected to bring their own

MasterCAM & Fusion are available free for students to use, check link <https://www.skillsusanc.org/>, under CNC tests “2026 Competitor Resource NC” for information, any other CAM software the student is responsible for.

MasterCAM Licenses for SkillsUSA Competitors during onsite competition day:

Schools that operate on a network license, bringing that with them could cause an issue.

1. Consult your IT person at your school to identify and ensure access and usage of your school licensed software away from school.
2. Barefoot reached out to CNC Software, and they informed us that there is a program in place for this. Users can fill out the form at <https://www.mastercam.com/skillsusa/>. Mastercam will send a temporary license to be used for the event. You can also reach out to education@barefootcnc.com if you run into any issues getting licenses for the competition.

**GTCC's Center for Advanced Manufacturing (CAM)
Showroom
Orientation 7:30am – Submit Resume and sign-in**

***Post-Secondary & Secondary
3-Axis Milling Programmer (CNC Milling)***

| | | |
|----------------|--------------------|-------------------------------|
| 8:00 – 9:30am | Metrology Test | CAM Showroom Metrology Area |
| 9:35 – 11:00am | Theory Test | CAM Showroom Theory Test Area |
| | BREAK | |
| 12:00-12:30pm | Lunch | CAM Showroom/Outside |
| 12:35 – 3:00pm | CAM 3-Axis Milling | CAM Showroom CAM Test Area |

***Post-Secondary & Secondary
5-Axis Milling Programmer***

| | | |
|----------------|--------------------|-------------------------------|
| 8:00 – 9:30am | Metrology Test | CAM Showroom Metrology Area |
| 9:35 – 11:00am | Theory Test | CAM Showroom Theory Test Area |
| | BREAK | |
| 12:00-12:30pm | Lunch | CAM Showroom/Outside |
| 12:35 – 3:00pm | CAM 5-Axis Milling | CAM Showroom CAM Test Area |

***Post-Secondary & Secondary
2-Axis Turning Programmer (CNC Turning)***

| | | |
|-----------------|--------------------|-------------------------------|
| 8:00 – 10:30am | CAM 2-Axis Turning | CAM Showroom CAM Test Area |
| 10:35 – 12:00am | Metrology Test | CAM Showroom Metrology Area |
| | BREAK | |
| 12:00-12:30pm | Lunch | CAM Showroom/Outside |
| 12:35 – 2:00pm | Theory Test | CAM Showroom Theory Test Area |

***Post-Secondary & Secondary
CNC Programmer (CNC Technician)***

| | | |
|-----------------|--------------------|-------------------------------|
| 8:00 – 10:30am | CAM 2-Axis Turning | CAM Showroom CAM Test Area |
| 10:35 – 12:00am | Metrology Test | CAM Showroom Metrology Area |
| | BREAK | |
| 12:00-12:30pm | Lunch | Showroom/Outside |
| 12:35 – 3:00pm | CAM 3-Axis Milling | CAM Showroom CAM Test Area |
| 3:05 – 4:30pm | Theory Test | CAM Showroom Theory Test Area |

Materials Allowed During Competition (all furnished by competitor)

- 1) Machinist Handbook and/or Student Reference Manual
- 2) Calculator – machinist, programmable, etc
- 3) Pen/Pencil
- 4) Computer