



# Principles of Engineering/Technology

*To evaluate each competitor's understanding of basic technical concepts/principles of the applied sciences and their ability to demonstrate and explain the concept/principle in action and application.*

<b>On-Site/Off-Site</b>	<ul style="list-style-type: none"> <li>● On-Site</li> </ul>
<b>Contest Date</b>	<ul style="list-style-type: none"> <li>● 3/18/2025</li> </ul>
<b>Contest Location</b>	<ul style="list-style-type: none"> <li>● Convention Center</li> <li>● D182</li> </ul>
<b>Early/Normal Start Time</b>	<ul style="list-style-type: none"> <li>● Normal Start Time</li> <li>● Registration will open at 8:00am. Please report to B-Hall Show Office for Registration. Competition will begin at 10:00am.</li> </ul>
<b>Contest Open/Closed</b>	<ul style="list-style-type: none"> <li>● Open</li> <li>● This contest is open to observers.</li> </ul>
<b>Eligibility &amp; Contest Type</b>	<ul style="list-style-type: none"> <li>● Please refer to the Program Guidelines for eligibility- <a href="https://www.ohioskillsusa.org/resources/">https://www.ohioskillsusa.org/resources/</a></li> <li>● Straight to State Contest (No Regional Qualifier)</li> </ul>
<b>Clothing</b>	<p><b><u>For Competition Day the Dress Code is:</u></b> Class F</p> <p><b><u>For the Awards Ceremony the Dress Code is:</u></b> _Class A or Class J</p> <ul style="list-style-type: none"> <li>● <b>2025 SkillsUSA Ohio Clothing Guide</b></li> </ul>
<b>Safety Equipment Required</b>	<ul style="list-style-type: none"> <li>● Any PPE appropriate for demonstration.</li> </ul>
<b>Testing</b>	<ul style="list-style-type: none"> <li>● There is no written test required for this competition.</li> </ul>
<b>Provided by Contestant (Tool List)</b>	<ul style="list-style-type: none"> <li>● Three copies of discussion paper (3 per demonstration).</li> </ul>

	<ul style="list-style-type: none"> <li>• Equipment and materials to complete one demonstration.</li> <li>• Any safety equipment that is necessary (safety glasses, apron, etc.).</li> </ul>
<b>Contest Notes, Themes, &amp; Deadlines</b>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
<b>WIFI Provided?</b>	<ul style="list-style-type: none"> <li>• No</li> </ul>
<b>Special Notes/Rules for All Contests</b>	<ul style="list-style-type: none"> <li>• Started in 2024, all Skilled Trade State Contests (most leadership contests already use scenarios) will begin to add a scenario-based component.</li> <li>• <b><u>Wi-Fi will NOT BE AVAILABLE unless listed above</u></b> . If you need WIFI access please plan to bring a hotspot.</li> <li>• All safety requirements will be heavily enforced. Competitors are to follow all safety standards and OSHA Regulations</li> <li>• <b><i>Contestants MUST HAVE A COPY OF THEIR EMERGENCY MEDICAL FORM IN THEIR NAME BADGE AT ALL TIMES</i></b></li> <li>• <b><u>THE FOLLOWING ITEMS ARE PROHIBITED; VIOLATION OF ANY OF THE FOLLOWING MAY RESULT IN COMPETITOR DISQUALIFICATION:</u></b> <ul style="list-style-type: none"> <li>• Contact with Contest Coordinators is prohibited. Contact with Contest Coordinators outside of the SkillsUSA Ohio is strictly prohibited.</li> <li>• Possession of smart watches and/or phones during the contest and/or in contest.</li> <li>• Contact with anyone outside of the contest area once the contest begins.</li> <li>• Inappropriate communication between contestants such as verbally degrading another contest.</li> <li>• Cheating on any portion of the contest such as informing another contestant of the skills/test prior to competing.</li> <li>• Lack of Copy Emergency Medical Form in Name Badge.</li> </ul> </li> </ul>
<b>National Technical Standards</b>	<ul style="list-style-type: none"> <li>• Please refer to the <b>2024-2026 National Technical Standards</b> for all contests. All standards included may be tested in any competition.</li> <li>• In conjunction with National Standards, lack of understanding of State Level competition standards (this document) may result in student loss of contest.</li> </ul>
<b>Resume/Interview Requirement</b>	<ul style="list-style-type: none"> <li>• All SkillsUSA Ohio State Championship Contests will require a short interview component. Students should be prepared with basic job interview skills.</li> <li>• All contestants <b><u>must have a hard copy</u></b> of a one (1) page personal resume.</li> </ul>

