



# Related Technical Math



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| <b>Date</b>                                  | March 13, 2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Orientation Time</b> | 8:00 AM<br>(CLOSED to instructors)                    |
| <b>Location</b>                              | Tri-County Career Center<br>15676 OH-691<br>Nelsonville, OH 45764                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Contest Time</b>     | Immediately following orientation<br>(CLOSED contest) |
| <b>Scope of Contest</b>                      | <p>Competitors will demonstrate their ability to solve math problems that deal with skilled technical real-world scenarios.</p> <ul style="list-style-type: none"><li>• The written knowledge test is comprised of problems applicable to any career and technical field. It covers applications of the fundamental operations of whole numbers, fractions and decimals, including applications of percentages, ratio and proportion, averages, areas and volumes. The written knowledge test will provide the student the opportunity to demonstrate his or her problem-solving skills, not just mathematical ability.</li><li>• Students have two hours to complete the problems and check their answers.</li><li>• Hand-held calculators may be used. Competitors need nothing more than a simple scientific calculator.</li><li>• The test is based on real-world mathematical applications and reasoning — not theoretical mathematics.</li><li>• No bonus will be given for early completion of the written knowledge test.</li></ul> |                         |                                                       |
| <b>Testing</b>                               | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                         |                                                       |
| <b>Eligibility</b>                           | 3 competitors per building IRN (chapter)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                         |                                                       |
| <b>Clothing</b>                              | Clothing Classification Guide: CLASS A or F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                         |                                                       |
| <b>Provided by Contestant</b>                | <p>Professional Resume – Typed Hardcopy<br/>Emergency Medical Form (Contestants must have this to compete)<br/>Hand-held calculator (nonprogrammable)</p> <p><u>The following WILL NOT be tolerated and are grounds for disqualification from the competition:</u></p> <ul style="list-style-type: none"><li>• No smart watches, cellphones and/or other electronic devices in the contest area unless specifically stated in this document. These devices cannot be used as a calculator.</li><li>• No contact with anyone outside of the contest area once the contest begins.</li><li>• No inappropriate communication between contestants such as verbally degrading another contestant or informing another contestant of the skills/test prior to or during the competition.</li><li>• No cheating on any portion of the contest.</li><li>• The use of AI is strictly prohibited and will result in an automatic disqualification of the contestant.</li></ul>                                                                        |                         |                                                       |
| <b>Contest Skilled Performance Standards</b> | A written knowledge test will be required. A sound knowledge of geometry, algebra, trigonometry and basic statistics will prepare the students to exhibit their problem-solving skills for this part of the contest.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                         |                                                       |

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|  | <b>MM 1.0</b> — Demonstrate technical mathematical skills using planning and decision-making. |
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