**Regional Competition Change Form**

**Contest: Related Technical Math Competition Date: March 4th, 2025**

**Chairperson: Sarah Ivory Contest Site: Alfred Campus**

Chairperson’s School:Orleans Career and Tech Center 716-731-6800 ext.: 2308

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| --- | --- | --- | --- |
| Items Evaluated |  | Approximate  Percentage | Explanatory Notes |
| **Short Answer Application:**  Fractions  Decimals  Percents  Proportions  Linear Equations  Perimeter, Area, Volume  Angles  Military to Standard Time Conversions  Linear Measurements in multiple units  Electrical calculations (Ohm’s Law)  Computer language number systems  (Binary and Hexadecimal)  Metric and Imperial/standard  conversions | Short response | 100% | Approximately 55 short answer questions based on a basic understanding of Integrated Algebra and Geometry as applied in the many BOCES career & technical courses. Most questions require a multi-step calculation to determine a single, short answer. It is **not** multiple choice, fill-in-the-blank, or true-false.  Unit labels and proper rounding are expected. |
| **Tie Breaker:**  1 – Tie Breaker Math Problem  2 – SkillsUSA Knowledge Test |  |  |  |
| **Time Limit:**Two and a half hours maximum,  30 minutes minimum |  |  |  |
| **Clothing& Equipment Penalty**  (0 to 10% percentage point deduction) |  | 0% - 5% deduction for clothing / pencil  5% deduction to borrow calculator | Penalty points will be assessed if competitor is not appropriately dressed or does not have a writing utensil. Penalty points will be assessed if competitordoes not have a calculator and opts to borrow one.Competition dress per NYS and National SkillsUSA standards (red blazers, NYS windbreakers or business casual dress). |
| TOTAL  POINTS |  | 90% - 100% |  |

**Student should supply:** pen or pencils; eraser; scientific calculatoror graphing calculator

**Required Equipment/Supplies Provided at Time of Testing by Chairperson:**

Exam, Reference/formula sheet and extra paper if needed