



## *Related Technical Math*

## Career Competition

**Career Cluster:** Manufacturing/STEM

**State Qualifying Exam:** No

**National Contest:** Yes

**Participation:** Individual

### **Competition Description**

Evaluate the competitors understanding and ability to solve mathematical problems commonly found in the skilled trades, professional and technical occupations.

### **Tasks To Be Evaluated**

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 competition.

### **Clothing Requirement**

**National Requirement:**

Official white polo shirt with black dress slacks, black socks and black leather shoes.

**State Requirement:**

National Requirement OR Black dress pants, white dress shirt, dark socks with dress shoes.

### **Additional Information**

No reference materials may be used other those provided by the technical committee. Competitors must wear their official competition clothing to the competition orientation meeting.

### **Provided by Competitor**

- Hand-held calculator
- All competitors must create a one-page resume and submit a hard copy to the technical committee chair at orientation.

### **Provided by Technical Committee**

- Test problems and instructions
- Scratch paper and pencils
- Formula sheets and conversion tables/charts