

**South Central College**

# **MTT 1150 Machining Computations**

**Common Course Outline**

**Course Information**

### **Learning Objectives**

Identify place values of decimals  
Define decimal places with machinist language

## **4. Solve diagrams using the Laws of Sine and Cosine**

### **Learning Objectives**

Define three trig functions  
Solve right triangle with trig functions

## **5. Solve tolerances**

### **Learning Objectives**

Calculate upper and lower limits  
Identify uni-lateral and bi-lateral tolerances

## **6. Solve formulas for a given variable**

### **Learning Objectives**

Apply the order of operations  
Solve English-Metric conversions

## **SCC Accessibility Statement**

Disability Services provides accommodations and other supports to students with permanent and temporary disabilities that affect their SCC experience. Disabilities may include mental health (anxiety, depression, PTSD), ADHD, learning disabilities, chronic health conditions (migraine, fibromyalgia), sensory disabilities, and temporary disabilities (broken arm, surgery). Common accommodations are extended test time, private room for testing, audiobooks, and sign language interpreter.

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