



South Central College

# **MATH 1050 Mathematics for Technical Careers**

## **Course Outcome Summary**

### **Course Information**

**Description**

**Total Credits**

**Total Hours**

### **Types of Instruction**

**Instruction Type**

**Credits/Hours**

### **Pre/Corequisites**

### **Institutional Core Competencies**

### **Course Competencies**

**1. Express algebraic concepts accurately in symbolic form**

Learning Objectives

**2. Manipulate algebraic expressions according to the properties of real numbers**

Learning Objectives

**3. Visualize key geometric figures and relationships**

Learning Objectives

**4. Compute geometric quantities**

Learning Objectives

**12. Solve quadratic equations**

Learning Objectives

**13. Model real-world behavior of quadratics functions**

Learning Objectives

**14. Extend the trigonometric functions to circles**

Learning Objectives

**15. Model real-world problems with radian measurement of angles**

Learning Objectives

**16. Define vectors and vector algebra**

Learning Objectives

**17. Combine vectors to creat sums**

Learning Objectives

**18. Apply trigonometry to oblique triangles**

Learning Objectives

**SCC Accessibility Statement**

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