



## Associate in Technology Carpentry-Outcomes

**Students will demonstrate outcomes in each of the following areas:**

### **Carpentry**

After successfully completing the Carpentry requirements, students will:

1. Construct the common elements of residential/commercial carpentry to building code standards.
2. Complete the planning and investigation that is required for construction projects.
3. Create scaled drawings of and estimations for construction projects.
4. Identify, compute, and apply measurements from blueprints to construction projects.
5. Identify and solve problems related to carpentry operations.
6. Locate, select, and apply technical data from building code and manufacturer resources.
7. Recognize and avoid or resolve potentially hazardous situations related to carpentry.
8. Demonstrate appropriate workplace behaviors.

### **Communications**

After successfully completing the communications requirement, students will:

1. Demonstrate literal and inferential comprehension.
2. Communicate clearly and effectively in appropriate contexts.

### **Computation**

Students successfully completing the computation requirement, students will:

1. Apply algebraic, analytic, geometric or statistical reasoning to solve abstract and applied problems appropriate to an individual discipline
2. Interpret mathematical, quantitative or symbolic models such as formulas, graphs and tables, and draw inferences from them
3. Employ basic symbolic or quantitative reasoning to support a position or conclusion.

### **Human Relations**

After successfully completing the human relations requirement, students will:

1. Understand, articulate, and evaluate how various factors (e.g., social, personal/individual, historical, political, and economic) influence human behavior.
2. Understand, articulate, and evaluate the applicability of significant theoretical perspectives (e.g., conflict theory, feminist theory, cognitive behavioral theory) as they relate to contemporary social issues.

## **Health/PE Outcomes**

After successfully completing the PE requirement, students will:

1. Understand and articulate the various elements of fitness (e.g., cardiovascular endurance, strength, flexibility, body composition).
2. Understand, articulate, and evaluate how various factors (e.g., genetics, diet, activity) promote health and wellness.
3. Understand and practice safe workout practices.
4. Identify, understand, evaluate, and apply appropriate fitness strategies (e.g., diet, exercise).