

ATCT-1301: INTRODUCTION TO CARPENTRY

Cuyahoga Community College

Viewing: ATCT-1301 : Introduction to Carpentry

Board of Trustees:

September 2025

Academic Term:

Fall 2025

Subject Code

ATCT - Appld Indus Tech - Carpentry

Course Number:

1301

Title:

Introduction to Carpentry

Catalog Description:

Introduction to carpentry apprenticeship. Includes in-depth overview of OSHA regulations as related to the construction industry. Covers a history of labor management association as it was in the past and how Joint Apprenticeship Committees interact today. Also includes, safety principles, including first aid and CPR.

Credit Hour(s):

2

Lecture Hour(s):

2

Requisites

Prerequisite and Corequisite

Departmental approval: Admissions to Carpentry Technology apprenticeship program.

Outcomes

Course Outcome(s):

Differentiate between the skill level, benefits, and training of a union carpenter vs. a non-union carpenter.

Objective(s):

1. Explain the carpentry apprenticeship program and history, and the Organization of Ohio Council of Carpenters.
2. Discuss labor and labor management history.

Course Outcome(s):

Administer first aid and Cardiopulmonary Resuscitation (CPR) as required by the American red cross.

Objective(s):

1. Demonstrate proper first aid techniques.
2. Demonstrate proper CPR techniques.

Course Outcome(s):

Comply with basic OSHA standards and regulations as they pertain to the workplace.

Objective(s):

1. Recognize basic OSHA standards and regulations as they pertain to the workplace.
2. Recognize jobsite hazards as prescribed by OSHA.

Methods of Evaluation:

1. Quizzes
2. Exams
3. Classroom participation
4. Completion of assigned projects

Course Content Outline:

1. Concepts
 - a. Features of carpentry apprenticeship program
 - b. Organization of Ohio Council of Carpenters
 - c. The Right to Hire concept
 - d. Early apprenticeship training done by craftsmen
 - e. Past labor management agreements between journeymen and apprentices
 - f. Federal criteria for apprenticeship programs
 - g. Purposes and functions of apprenticeship programs
 - h. Equality standards and regulations
 - i. Need for organization and training
 - j. Basic first aid procedures
 - k. CPR procedures
 - l. Safety awareness in construction
 - m. OSHA Standards and regulations
2. Skills
 - a. Perform CPR properly
 - b. Administer basic first aid properly
 - c. Follow injury reporting procedures
 - d. Properly use personal protective equipment
3. Issues
 - a. Dangers of administering first aid and CPR
 - b. Jobsite hazards

Resources

Carpenters International Training Fund. *Confined Space Participants Manual*. Las Vegas, NV: Carpenters International Training Fund, 2020.

United Brotherhood of Carpenters. "Apprenticeship Past and Present" " 1989-01-01 00:00:00.0.

American Academy of Orthopaedic Surgeons. "First Aid, CPR and AED" 8th. Burlington, MA: Jones & Bartlett Learning, 2022.

Occupational Safety and Health Administration, United States Department of Labor. "Code of Federal Regulations 1926." National Safety Compliance, 2022.
