

COMMERCIAL CARPENTRY
CAREER PATHWAY

Carpenters Helper • Construction Laborers • Insulation Workers • Carpenters • Drywall Installers • Ceiling Tile Installers • Tapers • Construction Equipment Operators

	CAREER TECHNICAL COURSE NAME & SUBJECT CODE	RECOMMENDED ACADEMICS
7		
8		
9		
10		
11	Construction Safety & Crew Leadership*	
	Core & Sustainable Construction	
	Fundamentals of Architecture & Construction	
12	Structural Coverings & Finishes	
	Construction Capstone	

INDUSTRY CREDENTIAL OPPORTUNITIES

- CITF Career Connections Level 1 - **4 Points**
- CITF Career Connections Level 2 - **4 Points**
- CITF Career Connections Level 3 - **4 Points**
- CPR / First Aid - **1 Point**
- OSHA - 10-Hour Training* - **1 Point**
  (College Credit - CTS001 - 1 Credit Hour)
- Lean Six Sigma Yellow Belt - **3 Points**
- Lean Six Sigma Green Belt - **6 Points**
- Leadership Excellence - Student - **3 Points**
- Ohio Driver's License - **1 Point**

POSTSECONDARY OPPORTUNITIES

*Indicates statewide articulated credit. Please reference course descriptions for semester hours and agreement number on the postsecondary articulated credits. Additional college credit may be available through bi-lateral agreements. Please see a school counselor for details on available bi-lateral agreements.

BHCC ADULT EDUCATION	HOURS

POTENTIAL PLACEMENT & INCOME –

**May 2025 State Occupational Employment and Wage Estimates for Ohio*

Carpenters Helpers | **$42,740**
Construction Laborers | **$58,300**
Insulation Workers | **$58,850**
Drywall & Ceiling Tile Installers | **$61,060**
Carpenters | **$62,590**
Construction Equipment Operators | **$71,830**
Tapers | **$75,540**

BUCKEYE HILLS CAREER CENTER

v20261109

COMMERCIAL CARPENTRY CAREER PATHWAY

SUBJECT CODE **178018**

11th GRADE

COLLEGE CREDIT

CTAG CTCON002

3 CREDIT HOURS

CONSTRUCTION SAFETY AND CREW LEADERSHIP

This course covers OSHA standards (30-hr OSHA) and requirements as they apply to the construction industry and crew/project management. Topics include safety and health hazards, safe practices, construction safety management, and crew management. Emphasis is on hazard identification, avoidance, control and prevention.

SUBJECT CODE **178000**

11th GRADE

CORE & SUSTAINABLE CONSTRUCTION

Students will learn principles in basic safety (10-hr OSHA), construction math, hand and power tool care and operation, blueprint reading, material handling, communication and employability skills. An emphasis will be placed on safe and green construction practices.

SUBJECT CODE **178040**

11th GRADE

FUNDAMENTALS OF ARCHITECTURE AND CONSTRUCTION

In this first course in the career field, students will be introduced to the basic principles of architecture and construction. During this course, students will read and create construction drawings and use hand tools to create basic construction projects and models. Throughout the course, students will use hands-on skills and procedures in a laboratory setting. Additionally, students will investigate career opportunities in construction and architecture related fields.

SUBJECT CODE **178004**

12th GRADE

STRUCTURAL COVERINGS AND FINISHES

This course will address applications of interior and exterior finish work. Students will identify material properties and select for appropriate application. Students will install thermal and moisture protection including roofing, siding, fascia and soffits, gutters, and louvers. Students will install drywall; trim-joinery and molding and apply wall, floor and ceiling coverings and finishes. Throughout the course, the safe handling of materials, personal safety, prevention of accidents and the mitigation of hazards are emphasized.

SUBJECT CODE **178029**

12th GRADE

CONSTRUCTION CAPSTONE

The capstone course provides opportunities for students to apply knowledge, attitudes and skills that were learned in Construction programs in a more comprehensive and authentic way. Capstones often include project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through community partnerships, students may combine classroom learning with work experience. This course can be delivered through a variety of delivery methods including cooperative education or apprenticeship.

Buckeye Hills Career Center | 351 Buckeye Hills Road | Rio Grande, OH 45674 | 740.245.5334 | buckeyehills.net

Career-technical education does not discriminate on the basis of race, color, national origin, sex, disability, or age for participation in any program or activity. Lack of English language proficiency will not be a barrier to admission and participation in career-technical education programs or courses.