

# **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**

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#### RECOMMENDED ACADEMICS

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11	Construction Safety & Crew Leadership*	
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	Core & Sustainable Construction Fundamentals of Architecture & Construction	
1	2 Structural Coverings & Finishes	
-	Construction Capstone	

# INDUSTRY CREDENTIAL OPPORTUNITIES

CITF Career Connections	Level I - 4 Points
CITF Career Connections	s Level 2 - 4 Points
CITF Career Connections	s Level 3 - 4 Points
CPR / First Aid - IP	oint
OCULA IN HOUR TRAININ	ng* - I Point
(Collope Credit - CT	SOOT - I Credic Hours
Loop Six Sigma Yellow	Belt - <b>3 Points</b>
L Sin Simma Green	Belt - <b>6 Pullis</b>
Leadership Excellence	- Student - Student
Ohio Driver's License -	- I 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.

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\*May 2022 State Occupational **Employment and Wage Estimates for Ohio** 

2	Carpenters Helpers   <b>\$36,890</b>			
	Construction Laborers   <b>\$51,200</b>			
	Carpenters   <b>\$54,360</b>			
, and the second se	Insulation Workers   <b>\$54,600</b>			
Dr	ywall & Ceiling Tile Installers   <b>\$58,620</b>			
Drywall Installers, Ceiling Tile Installers & Tapers   \$62,290				
Constr	uction Equipment Operators   \$63,280			



11<sup>th</sup> GRADE

COLLEGE CREDIT CTAG CTCON002 3 CREDIT HOURS

**178000** 

11<sup>th</sup> GRADE

#### **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.

#### **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.



11<sup>th</sup> 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.



12<sup>th</sup> 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.



12<sup>th</sup> 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