

# State Earn and Learn in Building Construction and Trades(Garrett H.S.)

## Construction Trades:

RI: 270 Hours WBL: 360 Hours

## Certifications:

NCCER Core  
NCCER Construction Site Safety  
NCCER Carpentry Level 1

## Work-Based Learning

Residential home build with industry professionals + summer paid internship opportunities

Grade 11

## Ivy Tech (Dual Enrollment):

BCTI 100 BCT 101  
BCTI 102

## Construction Trades:

RI: 270 Hours WBL: 360+ Hours

## Certifications:

NCCER Specialty Certifications:  
Carpentry Level 2:  
- Commercial Framing and Finishing  
- Residential Framing and Finishing  
Carpentry Level 3  
- Form Carpentry  
Electrical Level 1

## Work-Based Learning

Residential home build with industry professionals + paid internships/apprenticeships

Grade 12

## Ivy Tech (Dual Enrollment):

BCTI 103 BCTI104  
BCTI 130 BCTI 201

## Graduating High School with:

## Certifications:

7 Industry-Recognized Certifications  
Carpentry Specialist Certificate (Ivy Tech)

50+ Local employers connections-engaged in training, supporting and employing graduates

1200+ Hours of Work-Based Learning experience

Post-High School

## IVY Tech:

22 Transferrable credits into the Building & Construction Trades Program

## SUPPORTING COURSES

### 5<sup>th</sup> GRADE

- "Construction Class" Elective Rotation

### 6<sup>th</sup>, 7<sup>th</sup> 8<sup>th</sup> GRADE

- Pre-Algebra
- Preparing for College & Careers
- CTE Engineering, Technology, Construction, & Manufacturing

### 9<sup>th</sup> GRADE

- Career Development Algebra
- Career Development English 9 / Career Dev. Honors English 9
- Employability Skills Course
- WBL- Industry Speaker Series (weekly)

### 10<sup>th</sup> GRADE

- Geometry in Construction
- Career Development English 10 /Career Dev. Honors English 10
- Employability Skills Course
- WBL- Industry Tours + PBL in Career Development English 10

### 11<sup>th</sup> GRADE

- Career Development Algebra 2
- Career Development English 11/ Career Dev. Honors English 11
- Employability Skills Course

### 12<sup>th</sup> GRADE

- Quantitative Reasoning thru Construction Trades
- Career Development English 12/ Career Dev. Honors English 12
- Employability Skills Course