

**Career & College Promise (CCP)**

CCP provides opportunities for eligible NC high school students to take **TUITION-FREE**, college courses for dual credit (some students may have to pay for textbooks and materials). Taking CCP courses accelerates completion of college certificates, diplomas, applied associate degrees that provide entry-level job skills, and associate degrees that lead to transfer within the UNC System of 4-year colleges and universities and many private institutions.

**General Admission Requirements**

- College CCP Application
- High School Transcript
- Verification Form

**Building Construction Pathway***Eligibility Requirements*

- High School Junior or Senior
- Unweighted GPA of 2.8 or higher, **OR**, demonstrate college readiness in English, reading and math on approved assessments. If GPA is below 2.8, principles/designees can waive the GPA and provide rationale for waiver.

**About the Building Construction Pathway:**

This pathway is a portion of the Associate of Applied Science degree in Building Construction Technology that prepares students to apply technical knowledge and skills to residential and commercial building construction and remodeling. Course work includes instruction in construction equipment and safety; site preparation and layout, construction estimating, print reading, building codes, framing, heating, ventilation and air conditioning, electrical and mechanical systems, interior and exterior finishing, and plumbing.

**Annual NC Wage Range- Construction**

**Laborers \$29,460-\$61,630** NCCareers.org

**Career Cluster:** Architecture & Construction

**You will learn:**

- Safe working environments and OSHA regulations
- Technical skills and knowledge of building materials, creating estimates and calculating energy usage.
- Reading and following blueprint designs
- Carpentry skills – residential and commercial
- Building code regulations,
- Principles of residential electrical, plumbing, heating and cooling systems

**Possible Job Titles:**

- Construction laborer, remodeler, technician

**Possible Employment Opportunities:**

- Architectural engineering,
- Construction and trades professions
- Industry and government

| Building Construction Technology Certificate |                                     |       |     |           |
|----------------------------------------------|-------------------------------------|-------|-----|-----------|
| TRAD SEMESTER                                | Title                               | Class | Lab | Credit    |
| FA                                           | CST 111 Construction I              | 3     | 3   | 4         |
| SP                                           | ARC 112 Constr Matls & Methods      | 3     | 2   | 4         |
| FA                                           | BPR 130 Print Reading- Construction | 3     | 0   | 3         |
| SP                                           | ELC 111 Intro to Electricity        | 2     | 2   | 3         |
| Total SHC for Certificate                    |                                     |       |     | <b>13</b> |

**For more information, contact: Trish Holsten, Secondary Partnerships Director**

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# CONNECTING HIGH SCHOOL, COLLEGE, AND CAREER



## High School (electives)

### High School

#### **COMPLETE GRAD REQ:**

- English (4), Math (4), Science (3), Social Studies, Health/PE, electives

#### **SUGGESTED FR AND SO YR COURSES** (take through level II and more):

- Drafting I, II and III
- Project Management I and II
- Construction Core
- Carpentry I and II
- Masonry I

## During High School (dual enrollment)

### WCC Building Construction CCP Pathway

#### **CCP JR and SR YEARS SUGGESTED:**

- Construction I
- Construc Matls & Methods
- Print Reading- Construction
- Intro into Electricity

## After High School (full-time enrollment)

### WCC Building Construction AAS Degree

#### **GENERAL ED**

- English, Math, Social Science, Biology, COM 231 public speaking, Humanities/Fine Arts

#### **BUILDING CONSTRUCTION CLASSES:**

- CST 131 OSHA/Safety/Certification
- CST 112 Construction II
- CST 150 Building Science
- CST 113 Construction III
- PLU 111 Intro to Basic Plumbing
- ARC 131 Building Codes
- AHR 211 Residential System Design
- CST 241 Planning and Estimating I
- SST 140 Green Building & design ra
- CST 221 Statics/Structures
- SST 120 Energy Use Analysis

#### **ADDITIONAL REQ CLASSES:**

- College Student Success