

## Awards

**Associate Degree:** Architectural Technology (A40100)  
**Length of Program:** 5 Semesters  
**Prerequisite:** High School Diploma, Placement Test Equivalent

**Diploma:** Not Applicable  
**Length of Program:**  
**Prerequisite:**

**Certificate:** Architectural Engineering Construction CAD (C40100C1)  
**Length of Program:** 3 Semesters  
**Prerequisite:** High School Diploma, Placement Test Equivalent

**Certificate:** Green/Sustainable Architecture (C40100C2)  
**Length of Program:** 3 Semesters  
**Prerequisite:** High School Diploma, Placement Test Equivalent

**Certificate:** Building Information Modeling Technology Certificate (C40100C4)  
**Length of Program:** 2 Semesters  
**Prerequisite:** High School Diploma, Placement Test Equivalent

**Certificate:** Green/Sustainable Architecture (C40100H1)  
**Length of Program:** 3 Semesters  
**Prerequisite:** Placement Test Equivalent

## Program Information Contact

### Curriculum Chairperson

Timothy Peppers  
 (910) 678-7366

Advanced Technology Center, Room 244A  
 pepperst@faytechcc.edu  
 www.faytechcc.edu

Rev. 01/22/25

## Other Important Information

**Application Deadlines:** The program is designed for a student to enter during the fall semester. A student may enter at other times with approval of the Department Chairperson.

**Scholarship/Title IV Financial Aid/VA Services:** Scholarships/Title IV Financial Aid/Veteran's assistance may be available for associate degrees. Certificates and diplomas that fall under this program/area of study **may or may not be eligible** for Scholarship/Title IV Financial Aid/VA Services. Please contact the Financial Aid Office, Student Center, Room 2; Telephone (910) 678-8242. Veterans Services, General Classroom Building, Room 202, (910) 678-8580.



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# GREEN/SUSTAINABLE ARCHITECTURE



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## PROGRAM FACT SHEET GREEN/SUSTAINABLE ARCHITECTURE CERTIFICATE (C40100C2)



A program that prepares individuals to assist architects, engineers, and construction professionals in developing plans and related documentation for residential and commercial projects in both the private and

public sectors. Includes instruction in architectural drafting, computer-assisted drafting, construction materials and methods, environmental systems, codes and standards, structural principles, cost estimation, planning, graphics, and presentation.

This curriculum is designed to prepare individuals to apply technical knowledge and skills to the fields of architecture, construction, construction management, and other associated professions.



Course work includes instruction in sustainable building and design, print reading, building codes, estimating, construction materials and methods, and other topics related to design and construction occupations.

Graduates of this pathway should qualify for entry-level jobs in architectural, engineering, construction and trades professions as well as positions in industry and government.

## FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE GREEN/SUSTAINABLE ARCHITECTURE CERTIFICATE (C40100C2)

Effective: Fall 2025

Revised: 01/22/25

Length: 2 Semesters

Prerequisite: High School Diploma, Placement Test Equivalent

Award: Certificate

### FALL SEMESTER

| Prefix        | No. | Title                    | Class    | Lab      | Clinical | Credit   |
|---------------|-----|--------------------------|----------|----------|----------|----------|
| ARC           | 111 | Intro to Arch Technology | 1        | 6        | 0        | 3        |
| ARC           | 112 | Constr Matls & Methods   | 3        | 2        | 0        | 4        |
| <b>TOTALS</b> |     |                          | <b>2</b> | <b>8</b> | <b>0</b> | <b>7</b> |

### SPRING SEMESTER

| Prefix        | No.  | Title                 | Class    | Lab      | Clinical | Credit   |
|---------------|------|-----------------------|----------|----------|----------|----------|
| ARC           | 114  | Architectural CAD     | 1        | 3        | 0        | 2        |
| ARC           | 114A | Architectural CAD Lab | 0        | 3        | 0        | 1        |
| <b>TOTALS</b> |      |                       | <b>1</b> | <b>6</b> | <b>0</b> | <b>3</b> |

### SPRING SEMESTER

| Prefix        | No. | Title                   | Class    | Lab      | Clinical | Credit   |
|---------------|-----|-------------------------|----------|----------|----------|----------|
| ARC           | 210 | Intro to Sustain Design | 1        | 3        | 0        | 2        |
| or            |     |                         |          |          |          |          |
| SST           | 140 | Green Bldg & Design Con | 3        | 0        | 0        | 3        |
| ARC           | 261 | Solar Technology        | 1        | 2        | 0        | 2        |
| <b>TOTALS</b> |     |                         | <b>2</b> | <b>2</b> | <b>0</b> | <b>4</b> |

**TOTAL REQUIRED CREDITS.....14**

**Work-Based Learning Option: N/A**



Refer to the FTCC website for the most current information. Go to [www.faytechcc.edu](http://www.faytechcc.edu) and click on College Catalog.