

## 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. 02/23/23

## 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.



# FTCC

2201 Hull Road  
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(910) 678-8400

### SOUTHERN ASSOCIATION OF COLLEGES & SCHOOLS COMMISSION ON COLLEGES

Fayetteville Technical Community College is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate degrees, diplomas, and certificates. Degree-granting institutions also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of Fayetteville Technical Community College may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website ([www.sacscoc.org](http://www.sacscoc.org)).

# ARCHITECTURAL ENGINEERING CONSTRUCTION CAD



[www.faytechcc.edu](http://www.faytechcc.edu)

*Fayetteville Technical  
Community College*

910-678-8400  
P.O. Box 35236 • 2201 Hull Road  
Fayetteville, NC 28303

An Equal Opportunity Employer

**PROGRAM FACT SHEET  
ARCHITECTURAL ENGINEERING  
CONSTRUCTION CAD  
CERTIFICATE (C40100C1)**



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  
ARCHITECTURAL ENGINEERING CONSTRUCTION  
CAD CERTIFICATE (C40100C1)  
Effective: Fall 2022  
Revised: 12/17/21**

**Length: 3 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>4</b>	<b>8</b>	<b>0</b>	<b>7</b>

**SUMMER SEMESTER**

Prefix No.	Title	Class	Lab	Clinical	Credit
ARC 240	Site Planning	2	2	0	3
<b>TOTALS</b>		<b>2</b>	<b>2</b>	<b>0</b>	<b>3</b>

**TOTAL REQUIRED CREDITS.....13**

**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>

**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.