

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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ARCHITECTURAL ENGINEERING CONSTRUCTION CAD



www.faytechcc.edu

*Fayetteville Technical
Community College*

910-678-8400
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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 2025
Revised: 01/22/25**

**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
TOTALS		4	8	0	7

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
TOTALS		1	6	0	3

SUMMER SEMESTER

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

TOTAL REQUIRED CREDITS.....13

Work-Based Learning Option: N/A



Refer to the FTCC website for the most current information. Go to www.faytechcc.edu and click on College Catalog.