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.

FTCC
FAYETTEVILLE TECHNICAL
COMMUNITY COLLEGE

2201 Hull Road
PO Box 35236
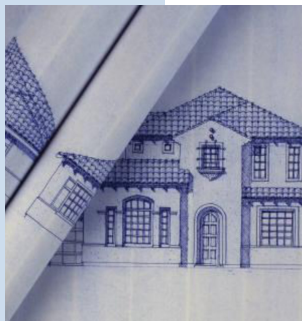Fayetteville, NC 28303
(910) 678-8400

ARCHITECTURAL TECHNOLOGY

www.faytechcc.edu

FTCC
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 TECHNOLOGY (A40100)

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 TECHNOLOGY (A40100)
Effective: Fall 2025
Revised: 01/22/25

Length: 5 Semesters
Prerequisite: High School Diploma, Placement Test Equivalent
Award: Associate in Applied Science

FALL SEMESTER 1

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
ENG	110	Freshman Composition	3	0	0	3
or						
ENG	111	Writing and Inquiry	3	0	0	3
MAT	171	Precalculus Algebra	3	2	0	4
		TOTALS	**10**	**10**	**0**	**14**

SPRING SEMESTER 1

Prefix	No.	Title	Class	Lab	Clinical	Credit
ARC	113	Residential Arch Tech	1	6	0	3
ARC	114	Architectural CAD	1	3	0	2
ARC	114A	Architectural CAD Lab	0	3	0	1
ARC	131	Building Codes	2	2	0	3
or						
CMT	120	Codes and Inspections	3	0	0	3
COM	120	Intro Interpersonal Com	3	0	0	3
or						
COM	231	Public Speaking	3	0	0	3
		Soc/Behav Science Elec	3	0	0	3
		TOTALS	**10**	**12**	**0**	**15**

SUMMER SEMESTER 1

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	240	Site Planning	2	2	0	3
ARC	261	Solar Technology	1	2	0	2
		TOTALS	**4**	**4**	**0**	**7**

FALL SEMESTER 2

Prefix	No.	Title	Class	Lab	Clinical	Credit
ARC	132	Specifications & Contracts	2	0	0	2
ARC	211	Light Constr Technology	1	6	0	3
ARC	225	Architecturall BIM I	1	3	0	2
ARC	225A	Architectural BIM I Lab	0	3	0	1
ARC	231	Arch Presentations	2	4	0	4
CST	241	Planning/Estimating II	2	2	0	3
		TOTALS	**8**	**18**	**0**	**15**

SPRING SEMESTER 2

Prefix	No.	Title	Class	Lab	Clinical	Credit
ARC	213	Design Project	2	6	0	4
ARC	226	Architecturall BIM II	1	3	0	2
ARC	226A	Architectural BIM II Lab	0	3	0	1
ARC	230	Environmental Systems	3	3	0	4
ARC	235	Architectural Portfolio	2	3	0	3
		Humanities/Fine Arts Elec	3	0	0	3
		TOTALS	**11**	**18**	**0**	**17**

TOTAL REQUIRED CREDITS.......68

Work-Based Learning Option: NA

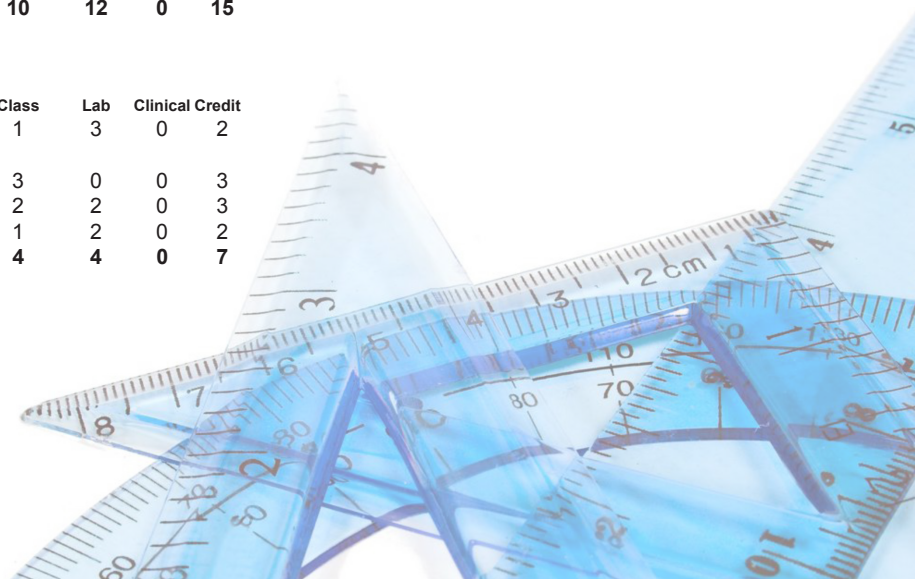**Note:** Students **may not** take an introductory foreign language to fulfill the Humanities/Fine Arts requirement.