

## Awards

**Associate Degree:** Building Construction Technology (A35140)  
**Length of Program:** 5 Semesters  
**Prerequisite:** High School Diploma, Placement Test Equivalent

**Diploma:** NA  
**Length of Program:**  
**Prerequisite:**

**Certificate:** Introduction to Building Construction Technology (C35140C3)  
**Length of Program:** 1 Semester  
**Prerequisite:** High School Diploma, Placement Test Equivalent

**Certificate:** General Maintenance Certificate (C35140C4)  
**Length of Program:** 2 Semesters  
**Prerequisite:** High School Diploma, Placement Test Equivalent

**Certificate:** Introduction to Building Construction Technology (C35140H1)  
**Length of Program:** 1 Semester  
**Prerequisite:** High School Diploma, Placement Test Equivalent

## Program Information Contact

### Curriculum Chairperson

Keith Carter  
(910) 678-8475  
Cumberland Hall, Room 319  
carterk@faytechcc.edu  
www.faytechcc.edu

Rev. 03/26/24

## 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

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# GENERAL MAINTENANCE CERTIFICATE



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

*Fayetteville Technical  
Community College*

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

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## PROGRAM FACT SHEET GENERAL MAINTENANCE CERTIFICATE (C35140C4)



This evening program is designed to train individuals in the area of general maintenance including the following areas:

**BASIC CONSTRUCTION** - This area includes hands-on experience in construction involving the building of platforms and stairs, sheetrock replacement and repair, countertops, building and moving of framed walls, and interior trim.

**PLUMBING** - Course work includes hands-on experience in plumbing involving troubleshooting, replacement of plumbing fixtures, valves and stems, and repairing drainage problems.

**ELECTRICAL** - Students will gain hands-on experience involving troubleshooting and installation of electrical circuits, replacement of old and new electrical equipment, and installation of receptacles, switches, lights, and ceiling fans.

**AIR CONDITIONING/HEATING/REFRIGERATION** - Course work includes hands-on experience involving troubleshooting of HVAC equipment and minor repair, replacement of thermostats, and certification in refrigeration.

Along with the course work involving the trades mentioned above, individuals within the program will also be trained in Construction Safety.

Individuals completing the program may receive opportunities in the professions of commercial and residential maintenance including but not limited to apartment complexes, motel/hotel chains, hospitals, schools, and other places of business where maintenance is often required.

## FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE GENERAL MAINTENANCE CERTIFICATE (C35140C4)

Effective: Fall 2021

Revised: 12/08/20

Length: 2 Semesters

Prerequisite: High School Diploma, Placement Test Equivalent

Award: Certificate

### FALL SEMESTER

Prefix	No.	Title	Class	Lab	Clinical	Credit
CAR	140	Basic Carpentry	2	6	0	4
ISC	115	Construction Safety	2	0	0	2
PLU	115	Basic Plumbing	2	6	0	4
<b>TOTALS</b>			<b>6</b>	<b>12</b>	<b>0</b>	<b>10</b>

### SPRING SEMESTER

Prefix	No.	Title	Class	Lab	Clinical	Credit
AHR	120	HVACR Maintenance	1	3	0	2
AHR	160	Refrigerant Certification	1	0	0	1
ELC	113	Residential Wiring	2	6	0	4
<b>TOTALS</b>			<b>4</b>	<b>9</b>	<b>0</b>	<b>7</b>

**TOTAL REQUIRED CREDITS.....17**

Work-Based Learning Option: N/A

\* Students may enter the program at any semester



Upon completion of the General Maintenance Certificate, students may be interested in pursuing an Associates Degree in Building Construction A35140.

The Building Construction 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 should qualify for entry-level jobs in architectural, engineering, construction and trades professions as well as positions in industry and government.

**Building Construction Technology:** A program that prepares individuals to apply technical knowledge and skills to residential and commercial building construction and remodeling. Includes instruction in construction equipment and safety; site preparation and layout; construction estimating; print reading; building codes; framing; masonry; heating, ventilation, and air conditioning; electrical and mechanical systems; interior and exterior finishing; and plumbing.

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