

## Awards

**Associate Degree:** Civil Engineering Technology (A40140)  
**Length of Program:** 5 Semesters  
**Prerequisite:** High School Diploma, Placement Test Equivalent

**Diploma:** Civil Engineering Technology Diploma (D40140)  
**Length of Program:** 3 Semesters  
**Prerequisite:** High School Diploma, Placement Test Equivalent

**Certificate:** Civil Engineering Technology Certificate (C40140C1)  
**Length of Program:** 2 Semesters  
**Prerequisite:** High School Diploma, Placement Test Equivalent

**Certificate:** Civil Engineering Technology Certificate (C40140H1)  
**Length of Program:** 2 Semesters  
**Prerequisite:** Placement Test Equivalent

## Program Information Contact

### Curriculum Chairperson

Cathy Christianson  
 (910) 678-8249  
 Advanced Technology Center, Room 244D  
[christic@faytechcc.edu](mailto:christic@faytechcc.edu)  
[www.faytechcc.edu](http://www.faytechcc.edu)

## 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.



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

# CIVIL ENGINEERING TECHNOLOGY



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

*Fayetteville Technical  
Community College*

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

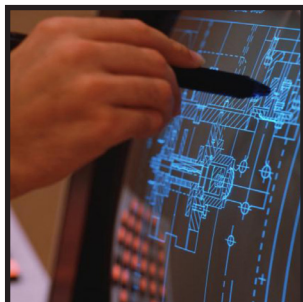
An Equal Opportunity Employer

## PROGRAM FACT SHEET CIVIL ENGINEERING TECHNOLOGY (A40140)

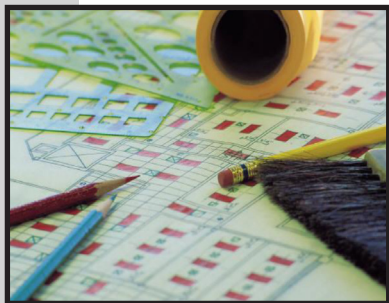


A course of study that prepares students to use basic engineering principles and technical skills to carry out planning, documenting and supervising tasks in sustainable land development and public

works and facilities projects. Includes instruction in the communication and computational skills required for materials testing, structural testing, field and laboratory testing, site analysis, estimating, project management, plan preparation, hydraulics, environmental technology, and surveying.



Graduates should qualify for technician-level jobs with both public and private engineering, construction, and surveying agencies.



## FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE CIVIL ENGINEERING TECHNOLOGY

Effective: Fall 2025

Revised: 02/18/25

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
CEG	151	CAD for Engineering Tech	2	3	0	3
ENG	111	Writing and Inquiry	3	0	0	3
MAT	171	Precalculus Algebra	3	2	0	4
PSY	150	General Psychology	3	0	0	3
SRV	110	Surveying I	2	6	0	4
<b>TOTALS</b>			<b>13</b>	<b>11</b>	<b>0</b>	<b>17</b>

### SPRING SEMESTER 1

Prefix	No.	Title	Class	Lab	Clinical	Credit
CEG	111	Intro to GIS and GNSS	2	4	0	4
EGR	115	Intro to Technology	2	3	0	3
EGR	250	Statics/Strength of Mater	4	3	0	5
MAT	172	Precalculus Trigonometry	3	2	0	4
<b>TOTALS</b>			<b>11</b>	<b>12</b>	<b>0</b>	<b>16</b>

### SUMMER SEMESTER 1

Prefix	No.	Title	Class	Lab	Clinical	Credit
CIV	111	Soils and Foundations	2	4	0	4
SRV	111	Surveying II	2	6	0	4
<b>TOTALS</b>			<b>4</b>	<b>10</b>	<b>0</b>	<b>8</b>

### FALL SEMESTER 2

Prefix	No.	Title	Class	Lab	Clinical	Credit
CEG	211	Hydrology & Erosion Cont	2	3	0	3
CIV	230	Construction Estimating	2	3	0	3
		Major Elective	2	3	0	3
<b>TOTALS</b>			<b>6</b>	<b>9</b>	<b>0</b>	<b>9</b>

### SPRING SEMESTER 2

Prefix	No.	Title	Class	Lab	Clinical	Credit
CEG	210	Construct Mtls & Methods	2	3	0	3
CEG	212	Intro to Environmental Tech	2	3	0	3
CIV	240	Project Management	2	3	0	3
COM	231	Public Speaking	3	0	0	3
		Humanities/Fine Arts Elect	3	0	0	3
<b>TOTALS</b>			<b>12</b>	<b>9</b>	<b>0</b>	<b>15</b>

**TOTAL REQUIRED CREDITS.... 65**



**Work-Based Learning Option:** Qualified students may elect to take up to three (3) credit hours of Work-Based Learning in lieu of a Major elective provided they acquire approval from the Work-Based Learning Coordinator and the Department Chairperson.

**2+2 Transfer:** Students desiring to pursue a Bachelors of Engineering Technology should take MAT 271 and PHY 151.

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

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