

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
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.



FTCC

2201 Hull Road
P.O. Box 35236
Fayetteville, NC 28303
(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).

CIVIL ENGINEERING TECHNOLOGY



www.faytechcc.edu

*Fayetteville Technical
Community College*

910-678-8400
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Fayetteville, NC 28303

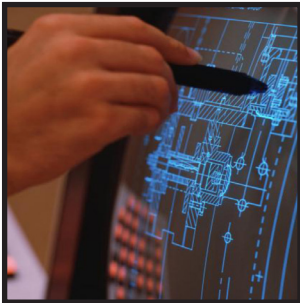
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PROGRAM FACT SHEET CIVIL ENGINEERING TECHNOLOGY (A40140)

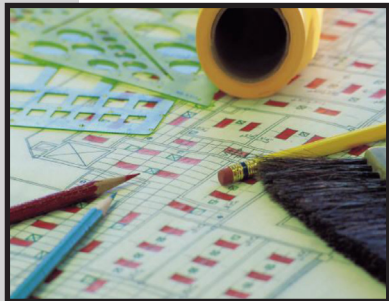


A course of study that prepares students to use basic engineering principles and technical skills to carry out planning, documenting and supervising tasks in sustainable land development and public

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 2021

Revised: 01/05/21

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
TOTALS			13	11	0	17

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
TOTALS			11	12	0	16

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
TOTALS			4	10	0	8

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
TOTALS			6	9	0	9

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
TOTALS			12	9	0	15

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 and click on College Catalog.