

Civil Engineering Technology Certificate

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NOTICE(s): For the certificate in Civil Engineering Technology, Civil Engineering Technology Specialty, the student must complete 44 credit hours - 6 general education hours and 38 technical hours - all of which must be approved by the advisor. Technical courses, which may vary to meet student needs and to provide options, must be selected from those listed below. Admission Requirement: High school diploma or GED.

The student is responsible for verifying the transferability of credit in this program to a senior institution with the appropriate senior institution advisor.

The courses in this program of study may not be offered every semester. It is important to consult with your advisor to determine course schedules to stay on track to graduate.

This program is offered at the East Broad Campus only.

Area I – Written Composition

Item #	Title	Hours	Grade	Term Completed
ENG 101	English Composition I	3		
	Sub-Total Credits	3		

Area III – Natural Sciences and Mathematics

Item #	Title	Hours	Grade	Term Completed
	MTH 100: Intermediate College Algebra OR numerically higher	3		
	Sub-Total Credits	3		

Area V - Required Technical Courses

Item #	Title	Hours	Grade	Term Completed
CET 100	Engineering Blueprints	3		
CET 101	Introduction to Engineering Technology	3		
CET 111	Fundamentals of Surveying	3		
CET 112	Intermediate Surveying	3		
MDT 105	Introduction to Computer-Aided Design (CAD)	3		
ORI 101	Orientation to College	1		
WKO 101	Workplace Skills Development I	1		
	Sub-Total Credits	17		

Area V - Additional Coursework

Choose 21 credit hours from the list below:

Item #	Title	Hours	Grade	Term Completed
CET 105	Introduction to Microstation	3		
CET 121	Engineering Materials	3		
CET 131	Highway Design and Construction	3		
CET 214	Hydraulics	3		
CET 216	Advanced Surveying	3		
CET 222	Residential Land Development	3		
CET 223	Site Planning and Development	3		
CET 240	Geographic Information Systems	3		
CET 281A	Special Topics in Civil Engineering Technology	3		
CIS 146	Computer Applications	3		
MDT 122	Architectural Drawing	3		
SPH 106	Fundamentals of Oral Communication	3		
	Sub-Total Credits	36		
		44		