

PROGRAM PLANNING GUIDE

CIVIL ENGINEERING TECHNOLOGY A40140

Replaces Curriculum Schedule with Revision Date: FA2023

Date Revised: FA2025

CURRICULUM BY SEMESTER

						Hours Per Week		Credits	Semesters Offered
Course No.		Course Title	Pre-Requisites	Co-Requisites	Class	Lab			
First Fall Semester									
ACA	115	Success & Study Skills	None	None	0	2	1	FA, SP	
UAS	111	Unmanned Aircraft Systems	None	None	3	0	3	FA, SP	
CEG	111	Intro to Gis and Gnss	None	None	2	4	4	FA, SP	
CEG	115	Intro to Tech & Sustainability	None	None	2	3	3	FA, SP	
		Math Elective					3		

First Spring Semester								
ENG 111	Expository Writing	ENG 025 (If required)	ENG 045 (If required)	3	0	3	FA, SP, SU	
SRV 110	Surveying I	MAT 003, MAT 121, or MAT 171	None	2	6	4	FA, SP	
CEG 151	CAD for Engineering Technology	None	None	2	3	3	FA, SP, SU	
CEG 210	Construction Materials & Methods	CEG-115 or EGR-115	None	2	3	3	SP	
UAS 150	UAS Flight Simulation	None	None	2	3	3	FA, SP	

First Summer Semester								
EGR 251	Statics	MAT 121, MAT 171, or MAT 172	None	2	2	3	FA, SU	
PSY 150	General Psychology	ENG 002 or ENG 025 (If required)	None	3	0	3	FA, SP, SU	

Second Fall Semester								
CEG 211	Hydrology & Erosion Control	EGR 115, CEG 115, CEG 151 or DFT 151 and MAT 121 or MAT 171	None	2	3	3	FA	
SRV 111	Surveying II	SRV 110, CEG 151	None	2	6	4	FA, SP	
CEG 235	Proj. Mgmt/Estimating	CEG-115 or EGR-115	None	2	3	3	FA, SP	
CIV 111	Soils and Foundations	EGR 251 and CEG 115 or EGR 115	None	2	4	4	FA, SP	
UAS 230	UAS Aerial Photo Surveys	UAS 111, UAS 150, and CEG 111	None	2	2	3	FA, SP	

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Second Spring Semester								
PHI	240	Introduction to Ethics	ENG 111, Minimum Grade C	None	3	0	3	FA, SP, SU
COM	231	Public Speaking	ENG 111, Minimum Grade C	None	3	0	3	FA, SP, SU
CEG	212	Introduction to Environmental	EGR 251 and CEG-115 or EGR-115	None	2	3	3	SP
CEG	230	Subdivision Planning & Design	CEG 151, CEG 211, SRV 111	None	1	6	3	SP
		Major Elective					2	FA, SP, SU

Graduation Requirement Credit Hours: 67

MAJOR ELECTIVES

					Hours Per Week		Credits	Semesters Offered
Course No.	Course Title	Pre-Requisites	Co-Requisites	Class	Lab			
Major Electives		Credit Hours Needed: 2						
ISC	121	Environmental Health & Safety	None	None	3	0	3	FA, SP, SU
MAT	172	Precalculus Trigonometry	MAT-171, Minimum Grade C	None	3	2	4	FA, SP, SU
SRV	240	Topo/Site Surveying	SRV 110, CEG 151	None	2	6	4	SP
WBL	112DH	Work-Based Learning I	14 Program credit hours	None	0	20	2	FA, SP, SU
WBL	120	Career Readiness/Explore/Employ	14 Program credit hours	None	2	3	3	FA, SP, SU

MATH ELECTIVES

						Hours Per Week		Credits	Semesters Offered
Course No.	Course Title	Pre-Requisites	Co-Requisites	Class	Lab				
Major Electives		Credit Hours Needed: 3							
MAT	121	Algebra/Trigonometry I	MAT 003, MAT 021, MAT 035, or MAT 045A (If required)	None	2	2	3	FA, SP, SU	
MAT	171	Precalculus Algebra (University Transfer)	ENG 002 or ENG 025 (If required) MAT 003, MAT 035, MAT 071, or MAT 045P (If required)	None	3	2	4	FA, SP, SU	