

Engineering Technology

A.A.S. Engineering Technology: Civil Engineering Technology Emphasis

204401 Revised 12/2016 (Fall 2018)

General Education Requirements		Credits	Semester Taken	Prerequisites
ENGL 101	Composition and Reading I	3		ENGL 90 with a minimum grade of S or appropriate placement score
ENGL 215	Technical Writing	3		ENGL 101
SPAN 100	Beginning Occupational Spanish	3		
COMM 100	Fundamentals of Speech	3		ENGL 90 with a minimum grade of S or appropriate placement score.
HIST 120	U.S. History to 1865 or	3		
HIST 121	U.S. History since 1865 or			
POLS 135	Introduction to Political Science or			
POLS 136	Introduction to American National Politics or			
POLS 137	Introduction to State and Local Politics			
Option #1		5-7		MATH 95 with a grade of C or higher or appropriate placement (MATH 120 and 150) MATH 120 (MATH 130)
MATH 120	College Algebra or			
MATH 130	Trigonometry			
Option #2				
MATH 150	PreCalculus or higher			
PHYS 130	General Physics	5		MATH 130 or appropriate placement test score.
Minimum Total General Education Credit Hours		18		
specific Program Requirements for:				
EHSS 111	Introduction to Health & Safety for General Industry	1		
ENGR 101	Introduction to the Profession	1		
ETEC 152	Engineering Graphics and CADD I	5		MATH 95 with a grade of C or higher or appropriate placement
ETEC 153	Descriptive Geometry	3		ETEC 152
ETEC 200	Applied Statics and Mechanics	3		MATH 104 or 130
ETEC 268	Introduction to Structural Design	3		ETEC 152
ETEC 269	CADD II	4		ETEC 152 or 169
specific Emphasis Requirements Civil				
ETEC 265	Introduction to Civil Drafting	3		ETEC 152
GEOG 120	Introduction to Geographic Information Systems	3		
GEOG 220	GIS Database and Design	3		GEOG 120
GEOG 224	Applications in Geographic Information Systems	3		GEOG 120 and 220
SRVY 135	Elementary Surveying	3		MATH 130 or 150 with a minimum grade of C or appropriate placement
Total Credit Hours Required		61-64		