

Engineering Technology

A.A.S. Engineering Technology: Computer & Electronics Emphasis

204403 Revised 10/2020 (Fall 2021)

ENGR 101	Introduction to the Profession	1		
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
COMM 100	Fundamentals of Speech	3		ENGL 90 with a minimum grade of S or appropriate placement score.
HIST 120 HIST 121 POLS 136	U.S. History to 1865 or U.S. History since 1865 or Introduction to U.S. National Politics	3		
Option #1 MATH 120 MATH 130 Option #2 MATH 150	College Algebra and Trigonometry PreCalculus or higher	5-6		MATH 95 with a grade of C or higher or appropriate placement (MATH 120 and 150) MATH 120 (MATH 130)
CHEM 111 PHYS 130	General College Chemistry I or General Physics I	5		MATH 120 or satisfactory score on placement test (CHEM 111) MATH 130
Minimum Total General Education Credit Hours		22-23		
Specific Program Requirements				
CSIS 110	Information Technology Fundamentals	3		
CSIS 123	Programming Fundamentals	3		MATH 31 with a grade of S or appropriate placement
CSIS 223	Object-Oriented Programming	3		MATH 95 with a grade of C or higher or appropriate placement and CSIS 123
EHSS 111 EHSS 112	Intro to Health & Safety for General Industry or Intro to Health & Safety for Construction	1		
ETEC 114	DC Circuit Analysis	4		MATH 120 or higher
ETEC 118	AC Circuit Analysis	4		MATH 130 or co-requisite
ETEC 130	Digital Electronics	4		MATH 103 or higher
ETEC 152	Engineering Graphics & CADD I	5		MATH 95 with a grade of C or higher or appropriate placement
ETEC 220	Analog Devices	4		ETEC 118
ETEC 230	Microcontroller Architecture	4		ETEC 130
ETEC 290 ETE 295	Internship in Engineering Technology or Capstone Project in Engineering Technology	3		ETEC 152 ETE 152, 269, 270, 271
Electives- choose one: CSIS or INTE		3-4		
Total Credit Hours Required		64-66		