Eastern New Mexico University
College of Liberal Arts & Sciences
2021-2023 Catalog

Date:		**Major:**	**Electronic Engineering Technology Composite (EET)**
Name:		**Minor:**	**Optional**
ID#:		**Emphasis:**	**Computer Engineering Technology (CET)**
		Degree:	**Bachelor of Science (B.S.)**

This degree plan is a guideline only. Consult with an adviser before enrolling in courses. For more detailed information on coursework and degree requirements, refer to the catalog and consult with an adviser.

Note: The B.S. degree requires a minimum 40 hours of upper-division courses. Developmental courses (any course whose number begins with 0) will not be counted toward graduation requirements.

BACHELOR'S DEGREE REQUIREMENTS (6 hours)	**Course**	**Credits**	**Semester**	**Grade**
FYEX 110 First-Year Seminar		3		
Diversity/Global Upper-Division		3		

GENERAL EDUCATION Requirements (31 hours)

REQUIREMENTS IN EET and CS (24 hours)	**Course**	**Credits**	**Semester**	**Grade**
CS 123 Computer Science I		3		
EET 110/L Circuit Analysis I		3		
EET/CS 122 Programming Fundamental with C/C++		3		
EET 131 Intro to Engineering with MATLAB		3		
EET 210/L Circuit Analysis II		3		
EET 237/L Semiconductor Devices I		3		
EET 241/L Logic Circuits		3		
EET 242/L Sequential Circuits and Applications		3		

REQUIREMENTS IN CE Emphasis (21 hours)	**Course**	**Credits**	**Semester**	**Grade**
CS 301 Programming Language Concepts		3		
EET 302/L Industrial Electronics		3		
EET 337/L Semiconductor Devices II		3		
EET 340 Intro to Computer Organization/Architecture		3		
EET 343/L Advanced Digital Design		3		
EET 437/L Semiconductor Devices III		3		
EET 472/L Intro to Embedded System		3		

REQUIREMENTS IN Technical Electives (15 hours)	**Course**	**Credits**	**Semester**	**Grade**
CS 234 Computer Science II		3		

CS 357 Data Structure		3		
CS 472 Software Engineering		3		
EET 310 Linear Systems		3		
EET 402/L Renewable Energy Technology I		3		
EET 403/L Renewable Energy Technology II		3		
EET 404/L Renewable Energy Technology III		3		
EET 412 Electrical Power and Machinery		3		
EET 450/L Control Systems		3		
EET 489 Industrial Internship (Renewable Energy related)		1-3		
EET 490 Capstone (Renewable Energy Projects)		3		

REQUIREMENTS IN Related Areas (11-18 hours)	**Course**	**Credits**	**Semester**	**Grade**
MATH 1220 College Algebra		4		
MATH 1230 Trigonometry		3		
MATH 1350 Statistical Methods		4		
MATH 1510 Calculus I		4		

ELECTIVES As needed to fulfill requirement of 120 total credit hours.