



Eastern New Mexico University  
College of Liberal Arts and Sciences  
2023-2025 Catalog

Major: Electronic Engineering Technology

Minor: Not required

Emphasis: Computer Engineering Technology (CET)

Degree: Bachelor of Science (B.S.)

This degree plan is a guide 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.

All course requirements in the major must have a grade of "C" or better. All acceptable transfer work from a junior or community college will be recorded as lower division credit.

Note: All Bachelor degrees at ENMU require 120 minimum total credit hours including 40 upper-division (300-/400-level) hours. B.A. candidates must satisfy the language requirement (6-14 hours). Developmental and vocational/technical courses will not be counted toward graduation requirements.

**BACHELOR'S DEGREE REQUIREMENTS (6 hours)**

FYEX 1110 First-Year Seminar  
Diversity/Global Upper-Division

**GENERAL EDUCATION REQUIREMENTS (non-teaching) (31-33 hours)**

**REQUIREMENTS in EET (24 hours)**

CS 123 Computer Science I  
EET 110/L Circuit Analysis I  
EET/CS 122 Fundamentals of Programming with C/C++  
EET 131 Introduction to Engineering with MATLAB  
EET 210/L Circuit Analysis II  
EET 237/L Semiconductor Devices I  
EET 241/L Logic Circuits  
EET 242/L Sequential Circuits & Applications

**REQUIREMENTS in CET Emphasis (21 hours)**

CS 301 Programming Language Concepts  
EET 302/L Industrial Electronics  
EET 337/L Semiconductor Devices II  
EET 340/L Introduction to Computer Organization / Architecture  
EET 343/L Advanced Digital Design  
EET 437/L Semiconductor Devices III  
EET 472/L Introduction to Embedded System

**REQUIREMENTS in Technical Electives (15 hours)**

Select 5 courses from the following:

CS 234 Computer Science II  
CS 357 Data Structures  
CS 472 Software Engineering  
EET 310 Linear Systems  
EET 402 Renewable Energy Technology I -OR-  
EET 403/L Renewable Energy Technology II -OR-  
EET 404/L Renewable Energy Technology III -OR-  
EET 412/L Electrical Power & Machinery  
EET 437/L Semiconductor Devices III  
EET 450/L Control Systems  
EET 489 Industrial Internship  
EET 490 Capstone

**REQUIREMENTS in related areas (15 hours)**

MATH 1220 College Algebra  
MATH 1230 Trigonometry  
MATH 1350 Introduction to Statistics  
MATH 1510 Calculus I

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