



Eastern New Mexico University  
College of Liberal Arts and Sciences  
2025-2027 Catalog  
Degree Guide Checklist

Major: Electronics Engineering Technology Composite (EET)  
Emphasis: Computer Engineering Technology (CET)

Minor: Not Required  
Degree: Bachelor of Science (B.S.)

This degree guide is a guide only and is subject to revision. Before enrolling in courses, consult with an adviser and review the current ENMU-Portales catalog.

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: The B.A. and B.S. degrees require 120 minimum total credit hours including 40 upper-division (300- or 400-level) hours and ENMU-Portales residency requirement (30 of the final 60 hours must be taken from ENMU-Portales). 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 AND CS (24 hours)**

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

**REQUIREMENTS IN CET EMPHASIS (21 hours)**

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

**REQUIRED TECHNICAL ELECTIVES (25-27 hours)**

CS 234 Computer Science II  
CS 357 Data Structures  
CS 472 Software Engineering  
EET 310/L Linear Systems and Laboratory  
EET 402/L Renewable Energy Technology I and Laboratory -OR- 403/L -OR- 404/L  
EET 412/L Electrical Power and Machinery and Laboratory  
EET 450/L Control Systems and Laboratory  
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

\* May also be used to satisfy a General Education Requirement.

**ELECTIVES as needed to satisfy requirement of 120 total credit hours.**