



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

Major:	Applied Arts and Science	Minor:	Not required
Concentration:	Electronics Engineering Technology (Computer Engineering)	Degree:	Bachelor of Applied Arts and Science (B.A.A.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 and minor 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.

Students may transfer a minimum of 30 and a maximum of 58 credit hours in their individual technical specialization from a previous program of study. The acceptance and transfer of course work will be based upon an analysis of each student's transcript. If less than 30 credit hours are transferred into the applied science program, the remaining course work necessary to meet the technical emphasis area requirements will be determined by faculty.

Note: All Bachelor degrees at ENMU require 120 minimum total credit hours.

BACHELOR'S DEGREE REQUIREMENTS (6 hours)

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

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

TECHNICAL EMPHASIS REQUIREMENTS (30-58 hours)

REQUIREMENTS IN B.A.A.S. CONCENTRATION FOR ELECTRONICS ENGINEERING TECHNOLOGY (59 hours)

Required Core Courses (34 hours):

CS 123 Computer Science I
EET/CS 122 Fundamentals of Programming with C/C++ (Prerequisite for EET 340)
EET 110/L Circuit Analysis I and Laboratory
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
EET 340/L Introduction to Computer Organization and Architecture and Laboratory
EET 343/L Advanced Digital Design and Laboratory
EET 472/L Introduction to Embedded Systems and Laboratory

Complete any TWO of the following (6 hours):

CS 301 Programming Language Concepts
CS 357 Data Structure
CS 472 Software Engineering
EET 302/L Industrial Electronics and Laboratory
EET 310/L Linear Systems Analysis and Laboratory
EET 337/L Semiconductor Devices II and Laboratory
EET 357/L Electronic Communications I and Laboratory
EET 402/L Renewable Energy Technology I and Laboratory
EET 412/L Electrical Power and Machinery and Laboratory
EET 437/L Semiconductor Devices III and Laboratory
EET 457/L Electronic Communications II and Laboratory
EET 490 Capstone

Additional Required Courses (19 hours):

CS 234 Computer Science (Prerequisite for CS 472)
* MATH 1220 College Algebra
* MATH 1230 Trigonometry
* MATH 1350 Introduction to Statistics
* MATH 1510 Calculus I (Prerequisite for EET 310 or EET 450)

* May be used to satisfy General Education Requirements.

ELECTIVES AS NEEDED TO FULFILL REQUIREMENT OF 120 CREDIT HOURS.