



Eastern New Mexico University
College of Liberal Arts & Sciences
2019-2021 Catalog

Date:		Major:	Electronic Engineering Technology Composite (EET)
Name:		Minor:	Optional
ID#:		Emphasis:	Renewable Energy (RE)
		Degree:	Bachelor of Science

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 (30 hours)	Course	Credits	Semester	Grade
EET 110/L Circuit Analysis I	_____	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	_____	_____
EET 310/L Linear Systems Analysis	_____	3	_____	_____
EET 337/L Semiconductor Devices II	_____	3	_____	_____
EET 357/L Electronic Communications I	_____	3	_____	_____
EET 437/L Semiconductor Devices III	_____	3	_____	_____

REQUIREMENTS IN RE Emphasis (21 hours)	Course	Credits	Semester	Grade
EET 302/L Industrial Electronics	_____	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 490 Capstone (Renewable Energy Projects)	_____	3	_____	_____

REQUIREMENTS IN Electives (3 hours)	Course	Credits	Semester	Grade
-------------------------------------	--------	---------	----------	-------

Select 1 course from the following:

EET 340 Intro to Computer Organization/Architecture	_____	3	_____	_____
EET 343/L Advanced Digital Design	_____	3	_____	_____
EET 457/L Electronic Communications II	_____	3	_____	_____
EET 489 Industrial Internship (Renewable Energy related)	_____	3	_____	_____

REQUIREMENTS IN Related Areas (18-19 hours)

	Course	Credits	Semester	Grade
CS 120 Intro to Computer Programming OR	_____	3	_____	_____
CS 123 Computer Science I	_____	4	_____	_____
MATH 1220 College Algebra	_____	4	_____	_____
MATH 1230 Trigonometry	_____	3	_____	_____
MATH 1510 Calculus I	_____	4	_____	_____
MATH 1350 Intro to Statistics	_____	4	_____	_____

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