SAMPLE 4-YEAR PLAN: ELECTRONICS ENGINEERING TECHNOLOGY B.S.

Northern Kentucky University

This is **one way** a student can complete this program in four years if the student requires no remedial courses.

MAJOR: Electronics Engineering Technology

FIRST YEAR	Fall Semester		Spring Semester	
	EGT 161 DC Circuit Analysis	3	EGT 212 Computer-Aided Drafting and Design	3
	EGT 345 Digital Electronics	3	MAT 128 Calculus A	3
	ENG 101 College Writing[1]	3	INF 120 Elementary Programming	3
	MAT 119 Pre-Calculus Mathematics	3	CHE 120 General Chemistry I and CHE 120L General Chemistry I Laboratory	4
	CMST 101 Public Speaking	3	EGT 343 AC Circuit Analysis[3] or EGT 291W Writing in Engineering Technology[1]	3
	TOTAL	**15**	**TOTAL**	**16**
SECOND YEAR	Fall Semester		Spring Semester	
	EGT 310 Project Management and Problem Solving	3	EGT 344 Analog Electronics or EGT 367 Microprocessors [4]	3
	Electronics subspecialty/ elective [2]	3	STA 205 Introduction to Statistical Methods	3
	Electronics subspecialty / elective [2]	3	PHY 211 General Physics with Laboratory I	5
	MAT 227 Calculus B	3	Electronics subspecialty/ elective [2]	3
	Gen Ed: Self and Society	3	EGT 343 AC Circuit Analysis [3] or EGT 291W Writing in Engineering Technology [1]	3
	TOTAL	**15**	**TOTAL**	**17**
SUMMER			EGT 280 Introduction to Microtechnology	**3**
THIRD YEAR	Fall Semester		Spring Semester	
	EGT 261 Engineering Materials	3	EGT 344 Analog Electronics or EGT 367 Microprocessors[4]	3
	EGT 300 Statistics and Strength of Materials	3	EGT 404 Signals and Systems [5] or Electronics subspecialty/ elective [22]	3
	EGT 386 Electro-mechanical Instrumentation and Control	3	EGT 467 Advanced Microprocessors	3
	Gen Ed: Self and Society	3	PHI 200 Ethics	3
	Gen Ed: Culture and Creativity	3		
	TOTAL	**15**	**TOTAL**	**12**
FOURTH YEAR	Fall Semester		Spring Semester	
	EGT 448 Network Hardware	3	EGT 301 Cooperative Education in Engineering Technology	3
	PHY 213 General Physics with	5	EGT 404 Signals and Systems	3

	Laboratory II		[5] or Electronics Subspecialty [2]	
	Electronics subspecialty/ elective [2]	3	EGT 417 Senior Design in Technology	3
	Electronics subspecialty/ elective [2]	3	Electronics subspecialty/ elective [2]	3
	Gen Ed: Self and Society	3	Gen Ed: Culture and Creativity	3
	TOTAL	**17**	**TOTAL**	**15**
			GRAND TOTAL OF CREDITS	**125**

[1] Qualified students (ENG ACT ≥26) should take ENG 151 instead of ENG 101 and ENG 291.

[2] EET majors must select seven courses from the following: CSC 260, CSC 360, CSC 362, CSC 462, EGT 212, EGT 318, EGT 340, EGT 361, or EGT 450.

[3] EGT 343 is offered spring of odd-numbered years, and is a prerequisite for EGT 404.

[4] EGT 344 is offered spring of odd-numbered years. EGT 361 is offered spring of even-numbered years.

[5] EGT 404 is offered spring of odd-numbered years.

It is not possible in four years to fulfill all EET degree requirements without taking more than 16 credit hours in some semesters, due to accreditation requirements.

Note: Currently, due to increased enrollments, all required courses for the program are offered every year.