

4-Year Academic Plan: Engineering Technology Electronics Emphasis

The following is a sample outline demonstrating 4-year completion of this bachelor's degree. Each student's reality will vary slightly, as this plan does not include transfer work, Advanced Placement (AP), or concurrent enrollment credits. Math and English placement will be based on the student's ACT/SAT scores. PLEASE NOTE: The following plan assumes students are prepared to take the Math course listed. If prerequisites are required, additional semesters may be required to complete degree.

This is a **GUIDE ONLY**. Please meet with your academic advisor and consult DegreeWorks for specifics.

1st Year Fall (14 credits)					1st Year Spring (16 credits)				
ENGL	1010	Intro. to Academic Writing	3	F/S/Su	ENGL	2010	Intermediate Writing	3	F/S/Su
EDGE	1010	Becoming an Engaged Learner	1	F/S/Su	LM	1010	Information Literacy	1	F/S/Su
MATH	1050	College Algebra	4	F/S/Su	CS	1400	Fundamentals of Programming	3	F/S
CSIS	1000	Intro to Comp & Internet	3	F/S/Su	MATH	1060	Trigonometry	3	F/S/Su
XXXX	XXXX	Humanities GE	3	F/S/Su	MATH	1100	*Applied Calculus	3	S
CCET	1030	Intro to CAD-CAM 3D Design	3	F/S	XXXX	XXXX	American Institutions GE	3	F/S/Su
2nd Year Fall (17 credits)					2nd Year Spring (15 credits)				
XXXX	XXXX	Fine Arts GE	3	F/S/Su	EET	2700	Circuit Analysis II	3	S
PHYS	2010/15	College Physics/Lab (PS GE)	5	F/Su	EET	2750	PC Hardware	3	F/S
EET	1700	Circuit Analysis	3	F	EET	3080	Digital Electronics II	3	S
EET	2780	Digital Electronics I	3	F	CS	2810	Computer Org & Architecture	3	S
CS	1410	Object Oriented Programming	3	F/S	IS	2600	Data Comm & Networking	3	F/S
3rd Year Fall (15 credits)					3rd Year Spring (15 credits)				
XXXX	XXXX	Social & Behav. Science GE	3	F/S/Su	EET	2710	Electronic Devices II	3	S
CS	2420	Intro To Alg's & Data Structure	3	F/S	EET	2760	Industrial Control Systems	3	S
EET	1730	Electronic Devices I	3	F	EET	3710	OP-AMPS/ Linear Integ Circuits	3	S
EET	3780	Applications of Microprocessors	3	F	#EET	ELEC	EET 3790 suggested	3	S
MGMT	3180	Management & Organizations	3	F/S	UD	ELEC	UD Elective	3	F/S/Su
4th Year Fall (13 credits)					4th Year Spring (13 credits)				
EDGE	30XX	Project Proposal & Planning	1	F/S/Su	XXXX	XXXX	Life Science GE	3	F/S/Su
COMM	4240	Technical Writing	3	F/S	EDGE	40XX	Project Reporting & Reflection	1	F/S/Su
EET	3760	Electronic Design & Fabrications	3	F	EET	4960	Capstone Project	3	F/S
#EET	ELEC	EET 3720 suggested	3	F	UD	ELEC	UD Elective	3	F/S/Su
UD	ELEC	UD Elective	3	F	UD	ELEC	UD Elective	3	F/S/Su

Color Key:

General Education Courses (green)

EDGE Program Courses (orange)

Major-required courses that also fulfill GE requirement (purple)

Major Courses (black)

Electives/minor/etc. (red)

#EET Electives:

CS 3150 - C & C++ Programming

CS 3600 - Operating Systems

IS 2620 - Network Administration I

EET 3720 - Communications Circuits

EET 3790 - Computer Interfacing

Other Notes:

► * Can choose between MATH 1100, Applied Calculus or MATH 1210, Calculus I

This major requires 11 additional UD courses, noted as "UD Elective" in planner

From time to time there may be Special Topics classes offered as TECH 4900 that will be useful to take and count as UD.

Classes in BOLD will get you an Associate of Applied Science in Electronics Technology.