Electronics Engineering Technology AAS Degree Courses

Award	Associate of Applied Science (AAS)
Credits	85
Program Start	Fall
Time to Complete	2 years
Class Meets	Monday – Friday 8:00am – 3:00pm

2023–2024 Suggested Sequence of Study

» **The following suggested sequence of study is for new full-time students starting the program Fall 2023**. Part-time students should visit with a program advisor for a modified sequence of study.

» **When registering for classes refer to Self-Service > Student Planning to view your specific program requirements, your progress, and ensure proper registration.**

» Courses are subject to change.

◆	General education course.
▣	Non-transfer general education course.
►	Course has a prerequisite and/or corequisite.
O	Course meets 100% online.
E	Course meets face-to-face after 5:00pm.
8WK1	Course meets the first 8 weeks of the term.
8WK2	Course meets the second 8 weeks of the term.

Term 1				
ELT-290	DC Electricity ►	8WK1	4	
ELT-291	AC Electricity ►	8WK2	4	
EGT-108	Principles of Engineering -OR-		3	
EGT-410	PLTW - Principles of Engineering		3	
IND-100	Basic Mechanical Systems		2	
IND-111	Industrial Safety Mechanical Systems		1	
MAT-504	Electronics Math I ► -OR-	O	4	◆
MAT-210	Calculus I ►	O	4	◆
	Total Credits 18			

Term 2

ELT-104	Electronics Drafting ▶ -OR-		3	
CAD-118	Technical Drawing and CAD ▶		3	
ELT-321	Operational Amplifiers ▶		3	
ELT-322	Electronics Devices ▶		4	
ELT-600	Applied Computer Programming		3	
MAT-514	Electronics Math II ▶		4	
SPC-101	Fundamentals of Oral Communication		3	
		Total Credits 20		

Term 3 — Summer

ELT-469	Digital Circuits and Systems ▶ -OR-		5	
EGT-420	PLTW - Digital Electronics		3	
PSY-102	Human and Work Relations -OR-	O E	3	◆
PSY-111	Introduction to Psychology -OR-	O E	3	◆
SOC-110	Introduction to Sociology	O	3	◆
		Total Credits 8		

Term 4

ELT-403	Visual Basic ▶	3	
ELT-415	Communication Circuits I ▶	5	
ELT-417	Computer Systems ▶	3	
ELT-494	Data Acquisition Systems ▶	5	
ELT-802	Electronics Design Project I	1	
PHY-183	Applied Physics ▶	3	
		Total Credits 20	

Term 5			
ELT-156	Industrial Electronics ▶	5	
ELT-497	Communication Circuits II ▶	6	
ELT-703	Introduction to Networking ▶	2	
ELT-704	Embedded Processors ▶	2	
ELT-803	Electronics Design Project II ▶	1	
ENG-105	Composition I ▶ -OR-	3	▣
COM-781	Written Communication in the Workplace ▶	3	▣
	Total Credits 19		