

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

2024–2025 Suggested Sequence of Study

The following suggested sequence of study is for new full-time students starting the program Fall 2024. 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.
○	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	○ 4	◆
MAT-210	Calculus I ▶	○ 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