

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