

# ELECTRONICS TECHNOLOGY

## Associate in Applied Science

The Associate in Applied Science in Electronics Technology prepares the graduate for an entry-level position in the electronics industry. Employment opportunities include a wide range of careers in research and development, computer service, manufacturing, and communication industries. Electronic technicians develop, manufacture, and service electronic equipment using sophisticated measuring and diagnostic equipment. Students may apply the associate's degree course work to a Bachelor's Degree in Engineering Technology (Electronics program) offered at main campus.

E T major field courses and physics offered in the semester indicated. Math and New Mexico Common Core courses are offered each semester.

**A grade of C or better is required in all English, E T, math, and science courses.**

\*Math 120 is waived for students who have taken the mathematics placement test with a recommendation for MATH 121. When a 3-credit math course is waived, three additional credits of approved electives are required.

### Credits

#### **Freshman Year-Fall Semester**

ENGL	111G	Rhetoric and Composition	4
E T	104	Soldering Techniques	1
E T	122	Fundamentals of Computer Applications	3
E T	153	Introduction to Computer Networks	3
E T	183	Applied DC Circuits	2
E T	183L	Applied DC Circuits Lab	1
MATH	120*	Intermediate Algebra	3

#### **Freshman Year-Spring Semester**

COMM	265G	Principles of Human Communication	
	<b>OR</b>	COMM 253G Public Speaking	3
ENGL	218G	Technical and Scientific Communication	3
E T	182	Digital Logic	3
E T	184	Applied AC Circuits	2
E T	184L	Applied AC Circuits Lab	1
E T	262	Software Technology I	3
MATH	121*	College Algebra	3

#### **Sophomore Year-Fall Semester**

E T	246	Electronic Devices I	4
E T	273	Fundamentals of Networking Communications I	3
E T	282	Digital Electronics	4
E T	283	Hardware PC Maintenance	3
PHYS	211	General Physics I	3
PHYS	211L	General Physics I Lab	1

#### **Sophomore Year-Spring Semester**

E T	272	Electronic Devices II	4
E T	276	Electronic Communications	4
E T	284	Software PC Maintenance	3
PHYS	212	General Physics II	3
PHYS	212L	General Physics II Lab	1

**Total Credits Required** **68**