ABTech Community College

2025 - 2026 Electronics Engineering Technology

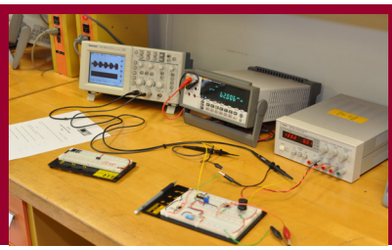
Associate in Applied Science Degrees

MULTIPLE LOCATIONS | VARIED SEMESTER LENGTHS | NUMEROUS PROGRAMS | FINANCIAL AID

Scan Code for program page online

ASHEVILLE, NORTH CAROLINA • (828) 398-7900 • ABTECH.EDU





Electronics Engineering Technology

The Electronics Engineering Technology program prepares the students to apply basic engineering principles and technical skills to become technicians who design, build, install, test, troubleshoot, repair, and modify developmental and production electronic components, equipment, and systems such as industrial/computer controls, manufacturing systems, communication systems, and power electronic systems. Includes instruction in mathematics, basic electricity, solid-state fundamentals, digital concepts, and microprocessors or programmable logic controllers. Graduates should qualify for employment as electronics engineering technician, field service technician, instrumentation technician, maintenance technician, electronic tester, electronic systems integrator, bench technician, and production control technician.

For More Information:

Contact Dr. Harrison Orr by email at harrisonporr@abtech.edu or by phone at 828-398-7392

Total Cost Estimate

Tuition per Semester (NC Resident)	$1,216.00 (16+ credit hours) $76.00/credit hour (1-15 hours)
Computer Use and Technology Fee	$48/semester
Activity Fee	Fall and Spring semesters only, Main campus and Online, $35.00
CAPS Fee (Campus Access, Parking and Security)	$20/semester
Matriculation Fee	$10/semester
Student Insurance	$2/Semester

Additional Fees including books may incur, please check A-B Tech website for more detail: https://abtech.edu/program/electronics-engineering-technology-aas-associate-applied-science-cost-estimate

Have you applied for Financial aid? Please visit A-B Tech website for instructions: https://abtech.edu/future-students/financial-aid/applying-aid

Courses requiring a grade of "C" or better: DFT, EGR, CET, ELC, and ELN

	Course Prefix		Course Name	Credit Hours
First Semester (Fall)	CIS	110	Introduction to Computers	3
	EGR	110	Intro to Engineering Tech	2
	ELC	111	Intro to Electricity	3
	ENG	111	Writing and Inquiry	3
	MAT	121	Algebra/Trigonometry I	3
Second Semester (Spring)	DFT	151	CAD I	3
	ELC	131	Circuit Analysis I	4
	ELN	152	Fabrication Techniques	2
	ELN	232	Intro to Microprocessors	4
Third Semester (Summer)	COM	231	Public Speaking	3
	ELC	117	Motors and Controls	4
	HUM	115	Critical Thinking	3
	PSY	150	General Psychology	3
Fourth Semester (Fall)	ELC	213	Instrumentation	4
	ELN	131	Analog Electronics I	4
	ELN	133	Digital Electronics	4
	ELN	260	Prog Logic Controllers	4
Fifth Semester (Spring)	CET	111	Computer Upgrade/Repair I	3
	CSC	121	Python Programming	3
	ELC	228	PLC Applications	4
	ELN	234	Communication Systems	4
			Program Totals:	**70**

Students seeking transfer for a bachelor's degree in engineering technology should consult their advisor about the Math requirements at the transfer university.

Certificate Available:

Electronics Manufacturing Certificate

For more information, please visit: https://abtech.edu/programs/academic/electronics-engineering-technology