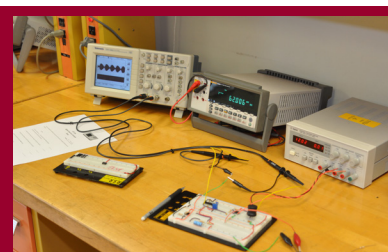




Scan Code for program page online



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 Joey Chandler, joeychandler@abtech.edu

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, \$45.00

CAPS Fee (Campus Access, Parking and Security) \$30/semester

Matriculation Fee \$25/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.

Advising questions? Email: advising@abtech.edu

Certificate Available:

Electronics Manufacturing Certificate

For more information, please visit:

<https://abtech.edu/programs/academic/electronics-engineering-technology>