



# 2025 - 2026 Computer Engineering Technology

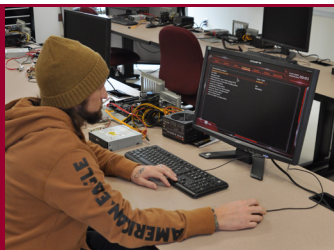
Associate in Applied Science Degrees

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



ASHEVILLE, NORTH CAROLINA • (828) 398-7900 • [ABTECH.EDU](http://ABTECH.EDU)





## Computer Engineering Technology

A course of study that prepares the students to use basic engineering principles and technical skills for installing, servicing, and maintaining computers, peripherals, networks, and microprocessor and computer controlled equipment.

Includes instruction in mathematics, computer electronics and programming, prototype development and testing, systems installation and testing, solid state and microminiature circuitry, peripheral equipment, and report preparation.

Graduates should qualify for employment opportunities in electronics technology, computer service, computer networks, server maintenance, programming, and other areas requiring knowledge of electronic and computer systems. Graduates may also qualify for certification in electronics, computers, or networks.

### For More Information:

Contact Dr. Harrison Orr by email at [harrisonorr@abtech.edu](mailto:harrisonorr@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/computer-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: CET, ELC, and ELN

	Course Prefix	Course Name	Credit Hours
First Semester (Fall)	CIS 110	Introduction to Computers	3
	ELC 111	Intro To Electricity	3
	ENG 111	Writing and Inquiry	3
	MAT 121	Algebra/Trigonometry	3
	NOS 110	Operating System Concepts	3
Second Semester (Spring)	CET 111	Computer Upgrade/Repair I	3
	ELC 131	Circuit Analysis I	4
	NET 125	Introduction to Networks	3
	NOS 120	Linux Single User	3
Third Semester (Summer)	COM 231	Public Speaking	3
	HUM 115	Critical Thinking	3
	NET 126	Routing Basics	3
	PSY 150	General Psychology	3
Fourth Semester (Fall)	ATR 112	Introduction to Robots	3
	ELN 133	Digital Electronics	4
	ELN 131	Analog Electronics I	4
	NET 225	Routing & Switching I	3
Fifth Semester (Spring)	CSC 121	Python Programming	3
	ELN 152	Fabrication Techniques	2
	ELN 232	Prog Logic Controllers	4
	ELN 260	Prog Logic Controllers	4
<b>Program Totals:</b>			<b>67</b>

### Diploma and Certificate Available:

**Computer Engineering Technology Diploma**

**Computer Engineering Technology Certificate**

For more information, please visit: <https://abtech.edu/programs>