



# 2025 - 2026 Biomedical Equipment Technology

Associate in Applied Science Degrees

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



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# Biomedical Equipment Technology

A course of study that prepares the students to use basic engineering principles and technical skills to install, operate, troubleshoot, and repair sophisticated devices and instrumentation used in the health care delivery system.

Includes instruction in instrument calibration, design and installation testing, system safety and maintenance procedures, procurement and installation procedures, and report preparation.

With an AAS degree and two years' experience, an individual should be able to become a certified Biomedical Equipment Technician.

## For More Information:

Contact Dr. Harrison Orr by email at [harrisonporr@abtech.edu](mailto: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:**

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

## Career Opportunities Biomedical Equipment Technology

A.A.S. Degree National Salary Range: \$49,650- \$79,110

Veterinary Clinics, Diagnostic Labs, Research Labs, Zoos, Animal Care Facilities,  
Pharmaceutical Companies, Feed Companies

Salaries may vary based on size of business and other factors.

*Courses requiring a grade of "C" or better: BMT, EGR, 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	3
Second Semester (Spring)	BMT 111	Intro to Biomed field	2
	CET 111	Computer Upgrade/Repair I	3
	DFT 151	CAD I	3
	ELC 131	Circuit Analysis I	4
	ELN 152	Fabrication Techniques	2
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)	ELN 131	Analog Electronics I	4
	ELN 133	Digital Electronics	4
	ELN 260	Prog Logic Controllers	4
Fifth Semester (Spring)	BMT 212	BMET Instrumentation I	6
	ELC 228	PLC Applications	4
	ELN 232	Intro to Microprocessors	4
	ELN 234	Communication Systems	4
<b>Program Totals:</b>			<b>71</b>

## Diploma and Certificate Available:

**Biomedical Equipment Technology Diploma**

**Biomedical Equipment Technology Certificate**

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