

# Health Career Observer



The Official Newsletter of the WNY R-AHEC

October, 2024

## Biomedical Equipment Technician

A biomedical equipment technician (BMET) is a technician who maintains, repairs, and services medical equipment. They ensure that medical equipment is safe to use, properly configured, and well-maintained. They repair a wide range of electronic, electromechanical, and hydraulic equipment. They may work on patient monitors, defibrillators, ventilators, anesthesia machines, and other life-supporting equipment. They also may work on medical imaging equipment (x rays, CAT scanners, and ultrasound equipment), voice-controlled operating tables, and electric wheelchairs. They also repair medical equipment that dentists and eye doctors use. BMETs work in a variety of settings, including hospitals, clinics, the military, and private sector companies.

**Average Annual Pay: \$60,670**



*"The feeling of accomplishment is a plus knowing you troubleshot and fixed a medical device that can now be used to help or even save a patient."*

-Amari Washington

## How Do I Become a BioMedical Equipment Technician?

**PROJECTED JOB  
MARKET GROWTH:  
18% BY 2033**

Employers generally prefer candidates who have an associate's degree in biomedical technology or engineering. Depending on the area of specialization, repairers may need a bachelor's degree, especially for advancement. Those who repair less-complicated equipment, such as hospital beds and electric wheelchairs, may learn entirely through on-the-job training, sometimes lasting up to 1 year. Repairers who work on more sophisticated equipment, such as CAT scanners and defibrillators, may need a bachelor's degree.

## What Does a Biomedical Equipment Technician Do?



- Install medical equipment
- Test and calibrate parts and equipment
- Repair and replace parts
- Perform preventive maintenance and service
- Keep records of maintenance and repairs



- Review technical manuals and regularly attend training sessions
- Explain and demonstrate how to operate medical equipment
- Manage replacement of medical equipment



WNY R-AHEC, 20 Duncan St, Warsaw, NY 14569

585-786-6275 [info@r-ahec.org](mailto:info@r-ahec.org)

<https://www.r-ahec.org/>

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## A Professional Account

*Amari Washington, BMET Technician Senior at ISS Solutions at Wyoming County Community Health System gives insight on a career in Biomedical Equipment Technology.*

### What is the most rewarding part of your job?

*"Most rewarding part of the job is all the appreciation/thankfulness you get from other staffing positions. The feeling of accomplishment is also a plus knowing you troubleshoot and fixed a medical device that can now be used to help or even save a patient."*

### What is the most challenging?

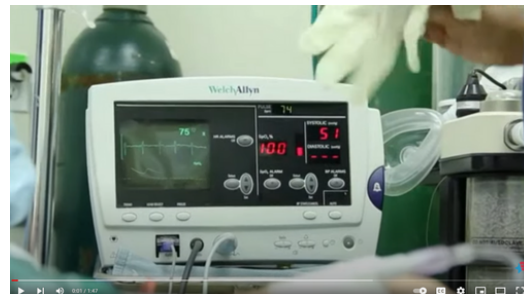
*"Most challenging would be work/time management and meeting compliance standards from auditors, but that comes with this position and, It can be done."*

### What do you wish you knew back in school that you know now?

*"Besides all the information I now know, I wish I knew about networking from an IT point of view. I would recommend doing some kind of IT class. It will help in the long run and you'll have a bigger pay range since Biomed and IT go hand in hand."*

### Anything else you want to share?

*"This is a great career field that advances quite fast with all the new technology being created. The job field pays well and keeps you learning."*

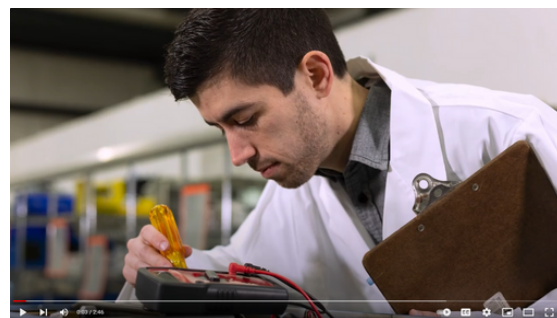


Click on the image for information on a career in Biomedical Equipment Repair

<https://www.youtube.com/watch?v=JOXooel-J7E>



Scan Me



Click on the image for a professional account from a Biomedical Equipment Technician

<https://www.youtube.com/watch?v=edE21TMq6iY>



Scan Me



For more information visit the U.S. Bureau of Labor Statistics

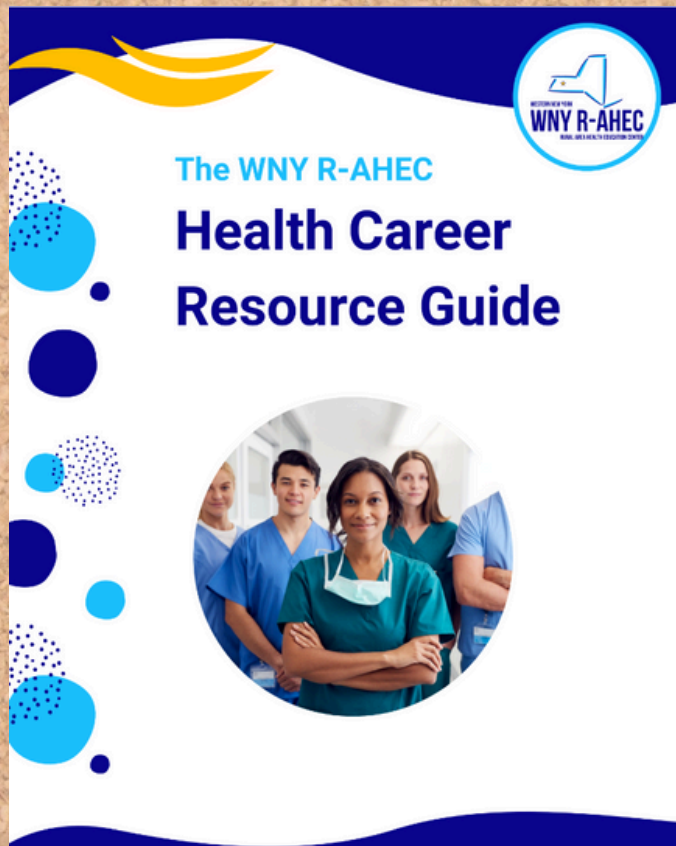
<https://www.bls.gov/ooh/installation-maintenance-and-repair/medical-equipment-repairers.htm>

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**Health Careers  
Resource Guide  
QR Code**

The health career resource guide features about 40 health careers, information on entering healthcare as well as school and financial resources.