

BIOMEDICAL EQUIPMENT TECHNOLOGY

PROGRAM DETAILS

Get to know the instruments that keep us all healthy. Modern healthcare is high-tech. When a patient receives an incorrect test result because of a malfunctioning device, it's a waste of time and money—for everyone. As a biomedical equipment technician, you learn to install and repair medical equipment to keep systems safe and efficient for doctors and patients. It's a career that will definitely experience healthy growth in the years ahead.



Biomedical Equipment Technology Pathway

| Course | Course Name | Credit Hours |
|-----------|---|--------------|
| EECT 1204 | Electronic Soldering | 1 |
| BIOM 2377 | Medical Imaging Communication & Storage | 2 |
| CETT 1409 | DC -AC Circuits | 3 |
| BIOM 1309 | Applied Biomedical Equipment Technology | 3 |

Biomedical Equipment Technology Program of Study

In this job, technicians calibrate, troubleshoot, test and repair equipment. This vital equipment is used to diagnose, prevent and treat diseases and illnesses. Part of the job is to perform preventative maintenance on critical equipment to ensure high-quality treatment for patients. It's a skilled job that would put you at the center of the healthcare industry.

| TSTC AWARDS | Median Wage |
|------------------------------|-------------------|
| Associate of Applied Science | \$17.71-\$70/Hour |

CAREER OPPORTUNITIES



In this job, technicians calibrate, troubleshoot, test and repair equipment. This vital equipment is used to diagnose, prevent and treat diseases and illnesses. Part of the job is to perform preventative maintenance on critical equipment to ensure high-quality treatment for patients. It's a skilled job that would put you at the center of the healthcare industry.

At TSTC, you can direct your training path and choose an associate degree in Biomedical Equipment Technology or Medical Imaging Systems. In both programs, you will get hands-on experience by using state-of-the-art medical equipment. With these skills, you could build a successful career in hospitals, clinics and many other medical facilities. Make yourself more marketable by obtaining both degrees.

Biomedical Equipment Technology Course Information (PEIMS)

Level 2

| COURSE NAME | SERVICE ID | PREREQUISITES | COREQUISITES |
|--|----------------------|---------------|--------------|
| EECT 1204 Electronic Soldering/ Biotechnology I | 13036400 (2 credits) | Biology | None |

Level 3

| COURSE NAME | SERVICE ID | PREREQUISITES | COREQUISITES |
|--|---------------------|--|--------------|
| BIOM 2377 Medical Imaging Communication & Storage/ Biotechnology II | 13036450 (1 credit) | Biotechnology I, Biology and Chemistry | None |

Level 4

| COURSE NAME | SERVICE ID | PREREQUISITES | COREQUISITES |
|---|----------------------|------------------------|--------------|
| CETT 1409 DC -AC Circuits/ Practicum in Science, Technology, Engineering and Math | 13037400 (2 credits) | Algebra I and Geometry | None |
| BIOM 1309 Applied Biomedical Equipment Technology/ Practicum in Science, Technology, Engineering and Mathematics/ Extended Practicum in Science, Technology, Engineering and Mathematics | 13037405 (2 credits) | Algebra I and Geometry | None |