

SOUTHEAST TECHNICAL INSTITUTE (STI) BIOMEDICAL EQUIPMENT TECHNOLOGY PROGRAM

To assist in making a decision about pursuing this program, the following is a general overview of the physical requirements, working conditions and job duties of a Biomedical Equipment Technician.

Biomedical Equipment Technicians (BMETs) are responsible for the maintenance, installation, calibration, and the repair of biomedical equipment designed to diagnose and treat medical conditions. This equipment may include anesthesiology machines, cardiac monitors, infusion pumps, defibrillators, radiology equipment and ventilators. BMETs spend a considerable amount of time on preventive maintenance. All biomedical equipment must undergo regularly scheduled preventive maintenance checks to ensure that everything is in proper working condition. A BMET should have technical aptitude for working on a variety of electronic equipment, be detail-oriented, enjoy hands-on work, and have excellent troubleshooting skills. Stamina and patience are also important characteristics of the BMET. Since BMETs are expected to repair equipment used by others, they must also be able to listen and communicate well. A tolerance for stress is important, as the patient's well-being may be at risk if a piece of equipment isn't working properly. To work as a BMET, employers may require certification by the Association for the Advancement of Medical Instrumentation organization.

Biomedical Equipment Technicians are expected to have the ability to:

- regularly talk and hear
- regularly reach above shoulder level
- regularly have good visual clarity and focus
- regularly stand and walk (up to 4 hours per day)
- regularly communicate effectively via speech, reading, and writing
- regularly read detailed instruction and diagrams that are in small print
- regularly possess fine finger dexterity
- frequently work with small electronic or mechanical items
- frequently bend/stoop and squat
- occasionally lift and/or move up to 50 pounds
- occasionally have exposure to dust, fumes and gases and radiation and other hazards

* Source: www.aami.org and local job descriptions

By signing below, I am acknowledging I have read the above information and understand the general physical requirements, working conditions and job duties typically associated with a Biomedical Equipment Technician. I understand that this information is general in nature and that actual conditions and job duties may vary.

Print Name: _____

Signature: _____ **Date:** _____