

Healthcare Engineering Technician (commonly referred to as BMET) III

Summary: Maintains clinical equipment through the effective use of the Medical Equipment Management Plan. Demonstrates a mastery of skills and tasks associated with the installation, maintenance, calibration, and repair of complex biomedical equipment. Capable of educating others including clinical staff related to the technical integration of the device/system.

General Guidelines: Fully experienced with an exceptional skill set or knowledge, works with minimal supervision; capable of serving as a trainer, mentor to junior and mid-level staff. Capable of performing in a lead capacity.

Education: Associates degree, military training, or academic work aligned with AAMI's *Core Competencies for the Biomedical Equipment Technician*, and a basic knowledge of mathematics, physics, chemistry, English and professional skills plus increased levels of certification and training as needed. In-depth understanding of common clinical terminology as well as that of life sciences such as anatomy and physiology. Comprehensive understanding of computers and network architecture.

Leadership: Adept at learning on the job as well as teaching and mentoring others. Optionally has developed mastery to the level that they can mentor other mentors. Considered a "Subject Matter Expert" on high-acuity clinical devices and systems in specialized acute care areas.

General Skills & Experience: Possesses advanced understanding and skills related to general electromechanical systems and devices.

Specific Experience:

- Exhibits a detailed understanding and can fully communicate the use of devices supported
- Can provide advanced support of acuity equipment for direct patient care.
- Has in depth understanding of the operations and environment that they support such as hospital, clinic, etc.
- Has advanced experience in their assigned clinical environment.

Public Safety & Regulatory Requirements: Is knowledgeable about both local and national public safety and regulatory issues.

Customer Service: Can successfully solve organization-level customer service issues and complaints.

Equipment Expertise: Demonstrated a mastery of clinical equipment such as radiological, laboratory and network medical systems so that work beyond single devices can be appropriately accomplished.

Other: Has a working knowledge of project management terms and methods.