

BIOMEDICAL TECHNICIAN 8361

A career as a Biomedical Technician offers you the opportunity to specialize in biomedical and medical equipment. You will install, repair, calibrate and provide preventive maintenance to ultrasound, defibrillators, telemetry, vital sign monitors and other vital medical equipment used in hospitals and medical facilities.

TOPICS YOU WILL STUDY

- Hospital and medical equipment
- Component and circuit analysis
- Linear solid state devices and video servicing
- Digital logic and computer interfacing systems
- Medical terminology
- Human anatomy

INTERNSHIPS AND CERTIFICATION

After completing - or during your last semester - you may choose to accept an internship in a hospital's biomedical electronics repair facility. You will work directly under the supervision of their biomedical staff. Once the internship has been successfully fulfilled and the time requirements are met, the AAMI can administer the CBET Certification examination.

TYPES OF EMPLOYMENT

- Biomedical Service Technician
- Manufacturer's Representative
- Biomedical Contract Maintenance

PLACEMENT AND SALARIES

Students in Electronics received job offers with a starting salary between \$30,000 and \$40,000, excluding overtime. Some have received starting salaries over \$42,000. Graduates seeking jobs have over 95% placement rate. Typical Biomedical Technician salaries for experienced technicians are \$45,000-\$65,000 per year, with some specializations making as much as twice that amount.

Note: Recommended courses are for the A.A.S. degree and assume any developmental requirements have been met. A.S. degree also available.

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BELOW IS THE RECOMMENDED COURSE SEQUENCE FOR THIS PROGRAM.

Semester I

Basic Component and
Circuit Analysis
Digital Logic I
English Composition I
Intermediate Algebra
Lifetime Fitness/Wellness or
Concepts in Wellness
and First Aid

Semester II

Advanced Linear Circuits
College Algebra
Computer Telecommunications
Linear Circuits
Digital Logic II
Speech or Interpersonal
Communication

Semester III

Biomedical Electronics I
Essentials of Human Anatomy
& Physiology + Lab
Industrial Electronic Controls
Social Science Elective

Semester IV

Biomedical Electronics II
Computer Electronics
Receiver & Video Circuits
Humanities/Science/Social
Science/Writing Elective

Summer (Optional)

Biomedical Internship