



Biomedical Electronics Technology

63-credit Associate of Applied Science Degree

www.wctc.edu/bio-medical

If you enjoy aspects of the medical and electronics fields, a job as a biomedical electronics technician might be right for you. Skills important to this career include manual dexterity and strong hand-eye coordination to assemble and disassemble machines, the ability to troubleshoot and good time management.

About This Program

With a reliance on technology to test and monitor patients, biomedical electronics technicians ensure medical equipment is safe, functional and properly set up. In this program, gain skills to work with technical equipment, including bedside monitor systems, electrocardiogram (EKG) machines and other devices related to patient care. Learn to install, test, calibrate and repair biomedical equipment.



Career Salaries

\$50,900 – \$90,300 annually

Salary range estimates based on wages for related occupations in Waukesha County as reported by Economic Modeling Specialists International (EMSI). Individual wages may vary based on experience, industry, location and specific job requirements.



Potential Careers

Biomedical Electronics Technician
Biomedical Equipment Technician
Clinical Engineering Technician

What Makes This Program Unique

- This partnership allows for Waukesha County area students to gain access to the Milwaukee Area Technical College (MATC) Biomedical Electronics Technology program.
- Take core courses close to home, then complete your degree at our partner college.
- Technical internships provide real-world experiences that prepare students for numerous careers in the medical industry.



PROGRAM CODE 31-314-3

PARTNERSHIP PROGRAM WITH
MILWAUKEE AREA TECHNICAL COLLEGE

CORE COURSES

CORE COURSES		Credits
605-118	Digital Electronics I	2
605-182	Microcontrollers	3
605-187	Electronic Data Communications	3
605-188	PLC 1	2
605-189	PLC 2	2
605-198	Power Electronics	3
631-183	IT Essentials A+	3
663-100	Embedded Systems	3
663-102	DC/AC Electronics	5
663-103	Electronics for Industry	4
663-104	Programming for Electronics	1
663-106	Electronic Fabrication I	1

GENERAL STUDIES

801-136	English Composition 1	3
801-196	Oral/Interpersonal Comm	3
804-113	College Technical Math 1A	3
804-114	College Technical Math 1B	2
804-116	College Technical Math 2	4
806-177	Gen Anatomy & Physiology	4
809-166	Intro to Ethics: Theory & App	3
809-199	Psychology of Human Relations	3



WAUKESHA
COUNTY TECHNICAL
COLLEGE

Hands-on
Higher Ed