



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.

What Makes This Program Unique

- Through a consortium effort, this program combines coursework at WCTC and Milwaukee Area Technical College; MATC is the degree-granting institution. Waukesha County residents are eligible to enroll in the program at WCTC.
- Technical internships provide real-world experiences.

Career Salaries

\$41,000 – \$64,000 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



PROGRAM CODE 10-605-6

PARTNERSHIP PROGRAM WITH MILWAUKEE AREA TECHNICAL COLLEGE

CORE COURSES OFFERED AT WCTC:

		<i>Credits</i>
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 OFFERED AT WCTC:

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

