

STEM

BIOMEDICAL EQUIPMENT TECHNOLOGY

Delivery: In person with some online and evening courses

Start: Spring, Full-Time Recommended

AWARDS

Biomedical Equipment Technology A.A.S. Degree 63 cr.
 Biomedical Equipment Technology Certificate 27 cr.

MAJOR DESCRIPTION

Students are trained to work in the Healthcare Technology Management field as biomedical equipment technicians, more commonly known as BMETs. They test the performance and operating characteristics of medical electronic/electromechanical equipment of moderate to high complexity to ensure compliance with established performance and safety standards. Graduates are qualified to maintain equipment found in hospitals and medical centers.

WORK ENVIRONMENT

BMETs find employment with hospitals, clinics, universities, equipment manufacturers and contract service providers. They generally work indoors and some travel may be required. BMETs work with medical professionals at all levels to assure the safe and effective use of sophisticated medical devices.

POTENTIAL JOB TITLES

- Biomedical Electronics Technician
- Biomedical Engineering Technician
- Biomedical Equipment Specialist
- Electromedical Equipment Repairer
- Medical Equipment Repairer
- Field Service Technician

SALARY DATA

See latest data at careerwise.minnstate.edu.

- Average Wage: \$24.60/hour
- Top Earners: \$25.86/hour

ADDITIONAL INFORMATION

Scan the QR code for more program information and specific program costs. This program has additional costs for attending a BMET convention.



BIOMEDICAL EQUIPMENT TECHNOLOGY

A.A.S. DEGREE

BMET courses are only offered once a year.

Please contact your program advisor regarding your academic plans.

First Year - Spring Semester 16 cr

BMET1113	Electrical Theory for Technicians	3
BIOL1500	General Biology	4
HEAL1502	Medical Terminology	2
ISTC1010	Microcomputer Maintenance	3
MATS1300	College Algebra	4

First Year - Fall Semester 14 cr

BMET1122	Administrative Functions	4
BMET1530	Digital and Microprocessor	3
BMET2940	BMET Field Experience	1
ENGL1150	Composition I	3
ISTC1045	Network Systems I: Introduction to Networking	3

Second Year - Spring Semester 16 cr

BIOL1310	Introduction to Anatomy and Physiology	4
BMET1220	Medical Device Technology	4
BMET2110	Professional Skills	2
ISTC2006	Network Systems II: Routing and Switching Essentials	3
PHYS1050	Introduction to Physics	3

Second Year - Fall Semester 15 cr

BMET1114	Wireless Communication	1
BMET1300	Biomedical Instrumentation I	4
BMET2300	Biomedical Instrumentation II	4
ISTC2011	Network Systems III: Scaling Networks	3
COMS1020	Interpersonal Communication	3

Third Year - Spring Semester 2 cr

BMET2970	Internship	2
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TOTAL PROGRAM REQUIREMENTS 63

BIOMEDICAL EQUIPMENT TECHNOLOGY CERTIFICATE

This is a suggested sample course sequence.

Please contact your program advisor regarding your academic plans.

This certificate is designed for students with a degree in Electronics.

First Year - Spring Semester **12 cr**

BIOL1310	Introduction to Anatomy and Physiology	4
BMET1220	Medical Device Technology	4
BMET2110	Professional Skills	2
HEAL1502	Medical Terminology	2

First Year - Fall Semester **13 cr**

BMET1114	Wireless Communication	1
BMET1122	Administrative Functions	4
BMET1300	Biomedical Instrumentation I.	4
BMET2300	Biomedical Instrumentation II	4

Second Year - Spring Semester **2 cr**

BMET2970	Internship	2
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TOTAL PROGRAM REQUIREMENTS 27



DAKOTA COUNTY
TECHNICAL COLLEGE

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