

## Biomedical Electronics Technology Online Program - AAS

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The Biomedical Electronics Technology program is an interactive, online program designed to prepare the student to seek a variety of entry-level positions in the biomedical industry. Students encounter courses related to electronics, networking administration, and cybersecurity, along with courses specific to biomedical equipment technology. An emphasis on medical applications, operations, and procedures is embedded within the various program courses. The program includes instruction in instrument calibration, design, installation, and testing, as well as safety, maintenance, and equipment repair procedures. Students will be placed in an internship where they will be able to apply all of the skills learned throughout the duration of the program.

Students who complete the two-year program will be prepared for the Biomedical Equipment Technician (BMET) certification.

### **Where will this take me?**

Biomedical Electronic Technician  
Medical Equipment Service Technician  
Medical Equipment Sales Representative  
Instrumentation Technician

### **Instructor and Staff**

TBD  
admissions@scciowa.edu

*Southeastern Community College values diversity in all its forms. Please visit [http://www.scciowa.edu/\\_resources/docs/scc-nondiscrimination-statement.pdf](http://www.scciowa.edu/_resources/docs/scc-nondiscrimination-statement.pdf) to view our nondiscrimination statement.*

*For more information about our graduation rates, the median debt of students who completed the program, and other important information, please visit SCC's financial aid website at <http://www.scciowa.edu/admissions/costaid/finaid/gainemp.aspx>*

**West Burlington Campus (Keokuk campus offers select courses)**

**Program Requirements**

Fall Semester I		Credit
ELT-800	BIOMEDICAL ELECTRONIC SYSTEMS	4
ELT-801	MEDICAL DOCUMENTATION AND COMPLIANCE	3
NET-142	NETWORK ESSENTIALS	3
NET-442	LINUX OPERATING SYSTEM	3
ELT-355	ELECTRONIC CIRCUITS I	5
Spring Semester I		Credit
ELT-357	ELECTRONIC CIRCUITS II	5
BIO-163	ESSENTIALS OF ANATOMY AND PHYSIOLOGY	4
NET-637	NETWORK INTRUSION INVESTIGATION	3
ELT-435	TELECOMMUNICATIONS	5
Fall Semester II		Credit
PSY-102	HUMAN AND WORK RELATIONS	3
CAD-101	INTRODUCTION TO CAD	3
ELT-630	MICROPROCESSOR/INTERFACING	5
NET-627	SYSTEM SECURITY	2
CSC-116	INFORMATION COMPUTING	3
Spring Semester II		Credit
ELT-932	INTERNSHIP	4
ELT-329	DIGITAL ELECTRONICS FOR ET	4
ENG-105	COMPOSITION I	3
SPC-112	PUBLIC SPEAKING	3
MAT-702	INTRODUCTION TO MATH APPLICATIONS	3
Program Total.....		68-68