Healthcare Technology Management - AAS

Online

Program Information

The Healthcare Technology Management program will prepare students to seek a variety of entry-level positions in the biomedical and healthcare technology management industry. Students will engage in coursework related to biomedical information systems, electronics, networking, troubleshooting, digital and mechanical systems, database fundamentals, and safety and compliance. 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 garner the skills and working knowledge to perform medical equipment maintenance services characterized by repair or module replacement; repair of general medical equipment malfunctions; adjustment of medical equipment utilizing common and special purpose tools and electronic test equipment; conduct preventive maintenance checks and services: and conduct calibration, verification, certification and electrical safety tests. 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 complete a certification course that will prepare them for the Certified Associate in Biomedical Technology (CABT) credential.

The Healthcare Technology Management Diploma will be earned after a student completes the first two semesters of the program.

Please view the technical standards for this course.

Instructor and Staff

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Online, and select courses available on campus

Program Requirements

Fall Semester I		Credit
CSC-110	Introduction to Computers	3
HTM-100	Applied Human Biology for Biomedical Technicians	3
HTM-101	Biomedical Equipment I	3
MAT-702	Introduction to Math Applications	3
NET-142	Network Essentials	3
Semester Total		15

Spring Semester I		Credit
ELT-351	Electronics I	3
ENG-110	Writing for the Workplace	3
HTM-102	Healthcare Technology Management I	3
HTM-103	Introduction to Digital and Mechanical Control Systems	3
HTM-104	Basic X-Ray	3
Semester Total		15

Fall Semester II		Credit
ELT-354	Electronics II	3
HTM-105	Biomedical Information Systems	3
HTM-106	Troubleshooting Theory and Methodology	3
SDV-134	CTE Employability Skills	1
PHI-105	Introduction to Ethics	3
SPC-101	Fundamentals of Oral Communication	3
Semester Total		16

Spring Semester II		Credit
HTM-107	Healthcare Database Fundamentals	3
HTM-108	Safety and Compliance in Healthcare	3
HTM-109	Biomedical Technician Certification Preparation	3
HTM-932	Biomedical Technician Internship	2
SOC-114	Conflict Resolution in the Workplace	3
Semester Total		14

Program Total		60