

BIOMEDICAL TECHNOLOGY SYSTEMS

The Biomedical Technology Systems (BTS) program prepares the adult learner to repair, maintain, test, inspect, calibrate, and manage a wide variety of medical devices, equipment, and systems employed in various healthcare sectors. The learner will gain a holistic perspective of the life-cycle duties and skills needed to assure that medical devices meet safety and performance expectations. The program addresses both general and specialized medical technologies along with how these technologies are interfaced with health IT networks. Upon completion of the program, the graduate will be prepared for immediate employment as an entry-level biomedical equipment technician professional and may pursue employment with a number of employers including, but not limited to: hospitals, clinics, home medical equipment companies, dialysis centers, third-party medical equipment service providers, and medical equipment manufacturers.

The BTS program is uniquely designed with the long distance and/or working adult in mind. The curriculum courses offered online and all BTS technical courses which have associated lab activities can be completed either on-campus by way of a one-day-a-week visit or can be completed at a hospital located near the student's residence with negotiation between the student, local hospital, and the Biomedical System Technology program director. Students who complete the lab activities through an arranged hospital location must complete the Electricity and Electronics courses for the program through a local college due to the instructional nature of the labs associated with that subject matter.

Degrees

- Biomedical Technology Systems - AAS (<https://catalog.kctcs.edu/programs-of-study/aas/biomedical-technology-systems/biomedical-technology-systems-aas/>)

Certificates

- Certified Associate in Biomedical Technology Exam Preparation - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/biomedical-technology-systems/certified-associate-in-biomedical-technology-exam-preparation/>)
- Foundational Preparation for the Dialysis Systems Service and Support Technician - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/biomedical-technology-systems/foundational-preparation-for-the-dialysis-systems-service-and-support-technician/>)
- Foundational Preparation for the Radiographic Diagnostic Imaging Service and Support Technician - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/biomedical-technology-systems/foundational-preparation-for-the-radiographic-diagnostic-imaging-service-and-support-technician/>)
- Foundations in Biomedical Technology Networking Systems - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/biomedical-technology-systems/foundations-biomedical-technology-networking-systems-certificate/>)