

BIOMEDICAL ELECTRONIC TECHNOLOGY PROGRAM OPTION CONTINUING EDUCATION

This Program offered through Continuing Education.

Advisor:

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Program Requirements: Students must have completed the DoD BEMTTG or the USAMEOS Basic and Advanced course training program.

Program Description: The Department of Defense (DoD) Biomedical Equipment Maintenance Technician Training Group (formerly known as the United States Army Medical Equipment and Optical School-USAMEOS) provides the opportunity to earn an Associate in Applied Science (A.A.S.) Degree with an area of study in Biomedical Electronic Technology. This program is offered in partnership with Aims Community College and the United States Air Force, Army, Navy, Coast Guard, National Guard and Reserve Units through the DoD Biomedical Equipment Maintenance Technician Training Group (DoD BEMTTG). DoD and USAMEOS courses are transferred into this degree program in accordance with the transfer agreement with the Department of the Army Academy of Health Sciences, U.S. Army, Fort Sam Houston, Texas. This A.A.S. Degree is designed to prepare students for entry-level positions as medical equipment or biomedical equipment repair technicians. These types of technicians work for hospitals and research organizations. Some work for service and repair businesses that have maintenance contracts with hospitals, clinics, and other medical facilities and institutions. The Biomedical Electronic Technology Degree is available to individuals worldwide. Regardless of where you are stationed after leaving the DoD BEMTTG program, our courses will be available to you.

Program Requirements: (1) Students must have completed the DoD BEMTTG or the USAMEOS Basic and Advanced course training program. (2) Seventeen additional credits are required. A total of 15 of the 17 credits must be completed with Aims Community College (via distance learning or on site at Aims Community College). These 15 credits cannot include transfer credits or ELT credits earned through the DoD BEMTTG or the USAMEOS programs. A demonstrated proficiency in English Composition is required prior to degree completion. This may be accomplished by (1) completing any number of other college

credit classes that demonstrate proficiency in ENG 100 material or (2) by obtaining a qualifying score on a college placement test. Aims will provide a guide for acceptable college placement tests for distance learners.

Transfer to a Four Year Engineering Degree Program: Articulation agreements exist with four year programs offering a Bachelor of Science (B.S.) degree in Electrical Engineering Technology. Consult your Aims program advisor or a list of schools and articulation details.

Financial Assistance: This program has been approved for both Tuition Assistance (TA) and for GI benefits. Soldiers should contact their Educational Officer to apply for financial assistance.

BIOMEDICAL ELECTRONIC TECHNOLOGY

(Associate of Applied Science Degree) (AAS ET00)

CONTINUING EDUCATION

DoD Biomedical Equipment Maintenance Technician Training Program
Associate of Applied Science Degree
Program by Distance

The successful completion of the DoD BEMTTG or the USAMEOS Basic and Advanced course training programs earns the student transfer credit for all ELT prefix courses listed below.

First Year Degree Requirements Satisfied by DoD BEMTTG Courses:

ELT 106	Fundamentals of DC/AC	3
ELT112	Advanced DC-AC	3
ELT 113	Advanced Circuit Analysis	4
ELT 134	Solid State Devices I	3
ELT 135	Solid State Devices II	3
ELT 137	Advanced Transistors	3
ELT 147	Digital Devices I	3
Total Credits for First Year:		22

Second Year Degree Requirements Satisfied by DoD BEMTTG Courses:

ELT 234	Bio-Medical General Medical Equipment Systems Repair	6
ELT 238	Bio-Medical: Respiratory Equipment Systems Repair	6
ELT 239	Bio-Medical: Cardiographic Diagnostic Equipment Systems Repair	6
ELT 240	Bio-Medical: Clinical Laboratory Systems Repair	6
ELT 242	Bio-Medical: Diagnostic Imaging Systems Repair	4
Total Credits for Second Year:		28

GENERAL EDUCATION REQUIREMENTS

CIS 118	Intro to PC Applications	3
CSC 116	Logic and Program Design	3
COM 101	Employment Strategies	1
COM 115	Public Speaking	3
PHY 105	Conceptual Physics	4
PSY 100	Psychology of Workplace Relationships	3
Total Credits for General Education Requirements:		17

NOTE: Fifteen (15) of the seventeen (17) General Education credits listed above must be completed through Aims Community College. A maximum of two (2) of these credits may be transferred from other regionally accredited colleges.
Total Credits for A.A.S. Degree: 67

CONTACT YOUR LOCAL AIR FORCE, ARMY, NAVY, COAST GUARD, OR NATIONAL GUARD RECRUITER OR CAREER COUNSELOR TO SEE IF YOU QUALIFY FOR SELECTION INTO THIS PREMIER BIOMEDICAL (DoD) OR (USAMEOS) TRAINING PROGRAMS.

BIOMEDICAL PROGRAM OCCUPATIONS

This program will prepare individuals for work as Biomedical Equipment Repair Technicians or Electronic Instrument Repair Technicians. These technicians work for hospitals, medical laboratories, and research organizations, or may work for repair businesses that have maintenance contracts with hospitals, clinics, schools, and other medical facilities and institutions. For a list of Colorado employers see EMPL 3145. Related COCIS occupations are: Electrical and Electronics Technicians, Electrical Engineers, Robotic Technicians, Laser and Fiber Optic Technicians.

Electronics