

**BIOMEDICAL ENGINEERING TECHNOLOGY**  
**Biomedical Engineering Technology Associate Applied Science Degree Major Code A006**

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**Program Description**

The Associate in Applied Science degree in Biomedical Engineering Technology program, offered at North Campus, prepares students to become medical equipment technicians. Biomedical Engineering technicians are professionals responsible for installing, calibrating, maintaining and repairing biomedical equipment. Graduates also work in sales and supervision within the biomedical engineering field.

**Related Programs**

Biomedical Engineering Technology Advanced Technical Certificate Major Code 4268

**Entrance Requirements**

- HS Diploma or GED
  - PERT
- The PERT test places students into preparatory level reading, writing and math courses designed to prepare them for college-level coursework. Recent ACT or SAT score may also be used for placement. For more information, see <http://www.broward.edu/testing/>. Students who test into college prep courses must successfully complete all of the required coursework to qualify for graduation.

**First Year Term I**

*EET 1015C DC Circuits	5
CET 1114C Digital Techniques	5
*MTB 1325 Engineering Tech Mathematics I	4
<b>Total Term Semester Hours</b>	<b>14</b>

**First Year Term II**

*EET 1025C AC Circuits	5
*EET 1141C Linear Techniques I	5
*MTB 1326 Engineering Tech Mathematics II	4
<b>Total Term Semester Hours</b>	<b>14</b>

**First Year Term III, Session II**

*CET 1461C Technical Computer Applications	3
*CET 1117C Microprocessors I	4
<b>Total Term Semester Hours</b>	<b>7</b>

**Second Year Term I**

SPC 1024 Intro to Speech Communication or	
SPC 1608 Public Speaking	3
*EET 2142C Linear Techniques II	4
*HSC 1531 Medical Terminology	3
*ENC 1101 Composition I	3
<b>Total Term Semester Hours</b>	<b>13</b>

**Second Year Term II**

*EST 2436C Biomedical Instrumentation	3
Elective Social/Behavioral Science	3
*EST 2940 Biomedical Engineering Technology Internship	4
Elective Humanities/Fine Arts	3
<b>Total Term Semester Hours</b>	<b>13</b>
<b>Total Program Semester Hours</b>	<b>61</b>

\* Requires a pre- or co-requisite or proper score on placement test. See course description online at [www.broward.edu](http://www.broward.edu).

Note: Students must fulfill the computer literacy general education requirements within the first 15 hours of BC credit by successfully completing the basic student technology test or pass the CGS1060C to earn the degree.

**Technical courses should be taken in the sequence suggested unless approved by the Department Head.**

This program of study applies to students who enroll in Broward College for the first time during the 2008-09 academic year. Other students should refer to their applicable catalog.

**It is strongly recommended that students see an academic advisor or counselor every term.**