



# Atlantic Technical College

## Electrocardiograph Technology

### Program Syllabus

#### 2017-2018



**Instructor Name:** Luz Kuilan  
**Department Name:** Health Science  
**Office/Classroom Location:** Building 18 Room 288  
**Phone Number:** 754-321-5158 office  
**Email Address:** [luz.kuilan@browardschools.com](mailto:luz.kuilan@browardschools.com)

**Instructor Office Hours:**  
**M-F:** 1:50pm – 3:05pm

**Student Hours:**  
**Monday – Friday**  
**Class Hours:** 7:05am – 1:50pm  
*(Clinical hours may vary according to facility/agency)*  
**Break:** 9:05am – 9:20am  
**Lunch:** 11:20am – 11:50am

Program Name: Electrocardiograph Technology		
OCPs	Course Names	Hours
A	HSC0003 – Basic Healthcare Worker	90
B	MEA0540 – EKG Aide	75
C	MEA0541 – EKG Technician	130

**Technical College Policy/Adult Student Attendance:**

- A student must be withdrawn after being absent for six (6) consecutive days.
- Two (2) additional absences may be allowed under certain circumstance with appropriate documentation.
- Please refer to the Student Handbook for postsecondary students.  
<http://www.atlantictechcollege.edu/atc-student-handbook/>

**Magnet High School/Attendance Policy:**  
 A student who has had at least five unexcused absences, or absences for which the reasons are unknown, within a calendar month, or 10 unexcused absences, or absences for which the reasons are unknown, within a 90-calendar-day period, may be exhibiting a pattern of non-attendance according to (F.S.1003.26 (1) (b)) and the School Board of Broward County, Policy 5.5.

**Required Book(s) and/or Online Access:**  
 Available for purchase at the ATC Bookstore:

- AES Core Curriculum Access Code
- BLS for Health Care Providers
- NHA Electrocardiograph Technician Certification Study Guide, 2012
- ECG's Made Easy, B. Aehlert, 7<sup>th</sup> ed., Elsevier, 2013

**Required Materials/Supplies:**  
 Purchased from ATC Bookstore:

- CPR Valve
- Uniform: ATC logo Cherokee scrub top
- ATC logo t-shirt (optional)

Not Purchased from ATC Bookstore:

- Shoes: black or white shoes, (see student handbook)
- Uniform: Cherokee scrub bottom
- White scrub jacket (optional)

*All required books and most materials/supplies can be purchased from the ATC bookstore. Stop by during operational hours for pricing and purchasing information.*

**Grading System:**

A	90 - 100%
B	80 - 89%
C	70 - 79%
D	60 - 69%
F	0 - 59%
I	Incomplete

\*Grades are not rounded up.

**Additional Program Specific Grading Information:**

- Unit Tests – 60%
- Comprehensive Final Exam – 10%
- Medical Terminology Quizzes – 10%
- Workbook/Assignments – 5%
- Clinical Rotation – 10%
- Employability skills – 5%

Satisfactory demonstration of all clinical competencies

NOTE: Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor.

**Online Course Grading Policy:** *Course is not offered online*

**View Your Grades:**

**Grades can be viewed online by following the directions below:**

1. Go to <https://browardfocus.com> (access FOCUS using Chrome, Firefox or Safari)
2. Student ID which is on your student schedule.
3. Passcode: Student's date of birth formatted as YYYYMMDD.  
*Four digits for the year, two digits for the month and two digits for the day.*

**Classroom/Lab Rules:**

See program Handbook for all classroom rules, policies and procedures.

**Industry Certification & State Credential Exam Cost:**

- Certified EKG Technician (CET) Examination offered by the National Health Career Association- \$115

*You may qualify for certification reimbursement of your exam cost(s) upon passing. Credential fees are subject to change.*

**Outstanding Student Recognition Information:**

A gold seal will be applied to a Program Completion Certificate or an Applied Technology Diploma if the student has earned a 3.5 GPA or higher in their Career and Technical Education (CTE) classes.

**Program Name: Electrocardiograph Technology**

**Course Number:** HSC0003

**Course Name:** Basic Healthcare Worker

**Occupational Completion Point:** A

**Intended Outcomes:** (From FL DOE Curriculum Framework)

Student will be able to:

- Demonstrate knowledge of the healthcare delivery system and health occupations.
- Demonstrate the ability to communicate and use interpersonal skills effectively.
- Demonstrate legal and ethical responsibilities.
- Demonstrate an understanding of and apply wellness and disease concepts.
- Recognize and practice safety and security procedures.
- Recognize and respond to emergency situations.
- Recognize and practice infection control procedures.
- Demonstrate an understanding of information technology applications in healthcare.
- Demonstrate employability skills.
- Demonstrate knowledge of blood borne diseases, including HIV/AIDS.
- Apply basic math and science skills.

**Course Number:** MEA0540

**Course Name:** EKG Aide

**Occupational Completion Point:** B

**Intended Outcomes:** (From FL DOE Curriculum Framework)

Student will be able to:

- Describe the cardiovascular system.
- Identify legal and ethical responsibilities of an EKG aide.
- Demonstrate knowledge of, apply and use medical instrumentation modalities.
- Perform patient care techniques in the health care facility.

**Course Number:** MEA0541

**Course Name:** EKG Technician

**Occupational Completion Point:** C

**Intended Outcomes:** (From FL DOE Curriculum Framework)

Student will be able to:

- Recognize normal and abnormal monitoring and testing results.
- Describe cardiovascular drugs, their actions, use, and adverse effects.
- Demonstrate knowledge of other cardiovascular diagnostic modalities.