

HEALTH SCIENCE TECHNOLOGY

The Health Science Technology Program is a three-year career and technology course that prepares students for continued education in the healthcare field and entry-level employment.



Program Skills & Certifications:

The course applies practical knowledge of:

- Anatomy and physiology
- Medical terminology
- Medical office assisting skills
- Basic health assessments
- Medical mathematics
- Technical communications needed to provide patient services in a variety of health care settings
- Demonstrations of procedures and equipment
- Practice laboratory activities
- “Hands-on” internship at a local hospital or medical center
- Instruction is provided in CPR with the American Heart Association’s Basic Life Support course for Health Care Providers and First Aid
- A minimum of 75 hours of Student Service Learning hours are earned that satisfies the Maryland State Graduation Requirement



Internships:

Students participate in an internship at a local medical center during the second year of the course. The internship provides “hands-on” training in inpatient, outpatient, and medical office settings. Students spend 8 hours a week for 30 weeks working with “real patients.”

Articulation with CCBC:

In the 12th grade year, students are encouraged to participate in a variety of senior options, such as: work study, dual enrollment courses at CCBC, advanced placement courses that earn college credits, or additional science and math classes. Students who take advantage of these senior options will be better prepared for future careers and college programs in the health care field. All students are offered the opportunity to qualify for as many as **five (5)** Advanced Placement Credits articulated with the Community College of Baltimore County in the Medical Office Assistant Program and **three (3)** credits in First Aid and CPR.

Information about the Program:

To answer specific questions about the program, please contact one of the Health Science teachers at: 410-887-0840.

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Content Area	9 th Grade	10 th Grade	11 th Grade	12 th Grade
English	English 9	English 10	English 11	English 12
Math	Algebra I	Algebra II	Geometry	College Readiness Math or Trig with Algebra
	Honors Algebra II	Honors Geometry	Pre Calculus or Trig/Analyt	AP Calculus I/II or College Algebra
	Honors Algebra II and Honors Geometry or G & T Geometry	Precalculus or Trig/Analyt	AP Calculus I/II or College Algebra	AP Calculus II or AP Statistics
Science	Biology	Chemistry	Anatomy and Physiology	Microbiology or AP Biology
Social Studies	American Government	World History	US History	EPI (.5 cr)
Graduation Requirements	Introduction to Engineering & Technology Concepts (IETC) (1 cr)	Health Science Technology 1 (1 cr) Health Science Technology 2 (1 cr)	Health Technology 3 Health Technology 4 Health Technology 5 Health Technology 6 (4 cr)	Capstone Work Experience Health Science III CWE (4 cr)
Completer Classes				or Concurrent Enrollment or AP Courses
Requirements/ Electives	Physical Education	Fine Arts		Health (.5 cr)
Requirements/ Electives	Foreign Language	Foreign Language		Elective

See page 34 for admission criteria!