

Academy of Health Science & Medicine

Career Pathway: Health Science

Program Strand: Medical Laboratory Assistant

Students who choose a career as a Medical Laboratory Assistant prepare patients for laboratory test procedures and in some instances perform routine medical lab tests and procedures under supervision. They also learn to record and analyze test results.

Secondary Career Academy Development Timetable (academy classes are listed in bold type)

Pre-Academy Grades 6 – 8	Grade 9	Grade 10	Grade 11	Grade 12
6 th grade—Middle Moves 7 th grade—Career Preparation Requirement 8 th grade—Transition Tools	English I	English II	English III	English IV
	Algebra or higher	Geometry or higher	Algebra II or higher	Pre-calculus or higher
	Earth & Space Science or Biology	Biology or Chemistry	Chemistry or Physics or Physical Science	Science elective
	World History	American Government / Economics	American History	Internship
	9 th Grade Transition	Foreign Language	Foreign Language	Foreign Language
Orientation to Health Occupations 840011011 Exploration of Health Occupations 840021011	Health Science I 841710001 or Anatomy and Physiology	Health Science II 841711001	Medical Laboratory Assisting 3 841720101	Medical Laboratory Assisting 4 841720201
	Elective	Elective	Elective	Elective
	Elective	Elective	Elective	Elective

Suggested Electives:

- Students may in their Junior or Senior year opt to participate in the Career Experience Opportunity (CEO) internship program using the following course number 0500330CE (Honors .5).
- Students may complete more than one program within the Academy of Health Science & Medicine providing courses are offered at the school site.
- In addition, students can choose to enroll in computer and business classes to enhance their marketability.

To find a Miami-Dade County Public High School with this Program Strand, please link to http://ssr.dadeschools.net/acad_tally_schls.pdf

Student Organizations / Clubs	Earn Upon Completion	
<ul style="list-style-type: none"> • Internship • Cooperative Education • Job Shadowing • School-Based Enterprise Service Learning • Dual Enrollment • Portal to CEO 	<ul style="list-style-type: none"> • Health Occupations Students of America (HOSA) 	<ul style="list-style-type: none"> • Industry Title & FLDOE OCP's correlated to the individual areas. • For more information on the Florida Department of Education Bright Futures Scholarship Programs: Florida Academic Scholars Award (FAS), Florida Medallion Scholars Award (FMS), and Florida Gold Seal Vocational Scholars Award (GSV) please contact a guidance counselor or visit: http://www.floridastudentfinancialaid.org/ssfad/factsheets/BF.htm. • For more information on advanced standing at local public and private post secondary institutions as established per articulation agreements please contact a guidance counselor.

POSTSECONDARY OPTIONS

Certification Programs	Community College (A.A./A.S.) or Proprietary Programs	Four-Year College and University Programs
<ul style="list-style-type: none"> • Clinician Laboratory Science 	<ul style="list-style-type: none"> • Clinical Laboratory Science 	<ul style="list-style-type: none"> • Biochemistry • Biotechnology • Chemistry • Forensic Science • Medical Microbiology and Bacteriology • Molecular Biology

CAREER OPTIONS

Entry Level	After Post-Secondary Education
<ul style="list-style-type: none"> • Medical Lab Technician • Phlebotomy Technician 	<ul style="list-style-type: none"> • Chemists and Materials Scientists • Clinical Laboratory Technologists • Forensic Scientist • Medical Technologist