

Career and Technical Education (CTE) Health Science Cluster



Career Possibilities	Paramedic, Emergency Medical Technician Epidemiologist Radiologic Technologist Medical Laboratory Technician Medical Coding and Billing Specialist Home Health Aide Optician Athletic Trainer	Phlebotomist Medical Transcriptionist Pharmacy Technician Exercise Physiologist Occupational Therapist Physical Therapist Assistant Nurse Physician
Year 1 Pathway Course	Complementary Pathway Courses * = course has a pre-requisite	
Emergency Medical Technician I (28334) (DE 98334W) This course focuses on emergency medicine. Students secure the American Heart Association Basic Life Support for healthcare providers. Students assist and observe in a hospital emergency department and with ambulance first responders. (must be 16 by the first day of the course)	Emergency Medical Technician II*(98335W)	
Physical/Occupational Therapy I This course focuses on evaluation of athletic injuries, initial emergency medical assessment and care, modality application, formation of rehabilitative exercise programs and taping. The course is designed for students interested in the fields of physical and occupational therapy.	Health Sciences (28303) Physical/Occupational Therapy II (SY 2024-25)	
Health Sciences (28303) This course introduces basic healthcare terminology, anatomy and physiology, pathologies, diagnostic and clinical procedures, therapeutic interventions, and the fundamentals of traumatic and medical emergency care.	Medical Terminology (28383 (98383W)) Pharmacy Technician (28305) Physical/Occupational Therapy I & Physical/Occupational Therapy II (SY 2024-25) Sports Medicine/Athletic Training I (new in 2023-24) Sports Medicine/Athletic Training II (SY 2024-25)	

Year 1 Pathway Course	Complementary Pathway Courses * = course has a pre-requisite
<p>Pharmacy Technician I (28305)</p> <p>This course introduces the basic skills and knowledge to begin work as a pharmacy technician.</p>	<p>Health Sciences (28303) Pharmacy Technician II (SY 2024-25)</p>
<p>Biotechnology in Health & Medical Sciences (28326)</p> <p>This course focuses on various cutting-edge technologies and techniques relevant in the field of health and medical sciences.</p>	<p>Forensic Technology with application in Biotechnology (28325)</p>
<p>Forensic Technology with application in Biotechnology (28325)</p> <p>This course introduces the field of forensics. Topics include processing crime scenes, DNA analysis, blood splatter analysis, forensic botany, and toxicology analysis.</p>	<p>Biotechnology Techniques & Applications (28467)</p>
<p>Medical Terminology (28383) (DE 98383W)</p> <p>This course introduces health care language and Latin roots commonly used in the medical field.</p>	<p>Health Sciences (28303)</p>
<p>Sports Medicine/Athletic Training I (new in 2023-24)</p> <p>The course introduces students to topics such as human anatomy and physiology, nutrition, biomechanics, medical terminology, injuries and illnesses, and legal and ethical issues in sports medicine. The course is designed for students interested in athletic training.</p>	<p>Health Sciences (28303) Sports Medicine/Athletic Training II (SY 2024-25)</p>
<p>Health Science</p>	<p><i>This Career Cluster® is focused on planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development. (Advance CTE)</i></p>
<p>For more detailed information about these courses, review the Arlington Public Schools Program of Studies at https://www.apsva.us/instruction/curriculum-instruction/program-of-studies/</p>	