

COMPLETER: Academy of Health Professions

CREDITS: 5

- Guideline for Course Selections
- Refer to Graduation Requirements in the Program of Studies for specific course requirements in each content area

Grade →	9	10	11	12
Exact scheduling depends on student's plan and school's master schedule.	English 9 (1)	English 10 (1)	❖AP Language and Composition (1)	English 12 (1)
	US Government (1)	US History (1)	World History (1)	
	Conceptual Physics (1)	Chemistry (1)	Biology (1)	Chemistry II (1)
	Algebra I (1)	Geometry (1)	Algebra II (1)	Higher Level Math (1)
	PE (.5) / Health (.5)		PE (.5) / Financial Literacy (.5)	
	Fine Arts (1)	Foundations of Technology (1)		
	World Language (1)	World Language (1)		
Grade →	9	10	11	12
Option 1 Certified Nursing Assistant (C.N.A.) Completer Program Requirements 5 credits				Foundations of Medicine and Health Science (1) Structure and Functions of the Human Body (1) CNA – Theory and Clinical (1) Honors Academy of Health Professions Internship (1-3)
Option 2 Physical Rehabilitation <ul style="list-style-type: none"> • Physical Therapy • Occupational Therapy • Speech Pathology • Athletic Training • Sports Medicine Completer Program Requirements 5 credits				Foundations of Medicine and Health Science (1) Structure and Functions of the Human Body (1) Physical Rehabilitation: Theory and Clinical (2) Honors Academy of Health Professions Internship (1-3)



ACADEMY OF HEALTH PROFESSIONS – Four to Six Credit Completer

FOUNDATIONS OF MEDICINE AND HEALTH SCIENCE

Course: 556519 (Transcripted) 1 credit

This course is designed to provide students with an overview of the therapeutic, diagnostic, environmental and information systems of the health care industry. Students will begin to prepare for a medical and health science career by developing a broad understanding of the pathways in the Health and Biosciences career cluster. Students will learn about ethical and legal responsibilities, as well as the history and economics of health care. Students will engage in processes and procedures that are used in the delivery of essential healthcare services. As students learn to use medical technology within a variety of medical and health care environments, they will develop academic, technical and workplace skills for success necessary to function as a health professional.

Prerequisites and other notes: Chemistry II must be completed or taken concurrently. This course is the first course in a 4 - 6 credit completer program. Students take a college-level exam at the end of the course.

STRUCTURE AND FUNCTIONS OF THE HUMAN BODY

Course: 556619 (Transcripted) 1 credit

Students in this course study the structure and functions of the human body, including cellular biology and histology. Systematic study involves homeostatic mechanisms of the body systems and special senses. Students will investigate the body's responses to the external environment, maintenance of homeostasis, electrical interactions, transport systems, and energy processes. Students will conduct laboratory investigations and field work, use scientific methods during investigations to solve problems and make informed decisions. Students will learn the medical terminology related to body systems.

Prerequisites and other notes: Foundations of Medicine and Health Science must be completed or taken concurrently. This course is part of a 4 - 6 credit completer program. Students take a college-level exam at the end of the course.

CNA: THEORY AND CLINICAL EXPERIENCE

Course: 556416 (Academic) 1 credit

Students will acquire the knowledge and skills required to provide basic health care to clients/patients with a variety of health care needs. Instruction includes theory, practical application in the laboratory, on-site observations and planned clinical experiences in several health care service areas. Clinical experiences are supervised by registered nurses and other health care professionals. Students will work toward Certified Nursing Assistant (CNA) and Geriatric Nursing Assistant (GNA) certification. This course meets the standards set by the Maryland Board of Nursing.

Prerequisites and other notes: Foundations of Medicine and Health Science and Structure and Functions of the Body must be completed or taken concurrently. This course is part of a 4 - 6 credit completer program. Parents are responsible for student transportation. Students must meet all requirements established by the health facility partner. Students are required to take an end of program assessment.

PHYSICAL REHABILITATION: THEORY AND CLINICAL EXPERIENCE

Course: 556916 (Academic) 1 credit

Students will acquire the knowledge and skills required to provide basic physical rehabilitation care to clients/patients with a variety of rehabilitation needs. Instruction includes theory, practical application in the laboratory, on-site observations and planned clinical experiences in several health care service areas. Clinical experiences are supervised by health care professionals. Students have an opportunity to earn clinic hours in rehabilitation settings that meet prerequisite requirements in many post-secondary school physical rehabilitation programs. These types of programs include, but are not limited to: physical therapy; occupational therapy; speech/language pathology; athletic training; and sports medicine.

Prerequisites and other notes: Foundations of Medicine and Health Science and Structure and Functions of the Human Body must be completed or taken concurrently. This course is part of a 4-6 credit completer program. Parents are responsible for student transportation. Students must meet all requirements established by the health facility partner.

HONORS ACADEMY OF HEALTH PROFESSIONS SEMINAR AND INTERNSHIP

Course: 556708 (Honors) ½ credit
556718 (Honors) 1 credits
556728 (Honors) 2 credits
556738 (Honors) 3 credits

Students will have the opportunity to integrate content and knowledge of specific medical areas, such as surgical technology, or medical assisting through classroom preparation and clinical experience in a healthcare setting. Student knowledge will be extended through practical application under the supervision of health care professionals. Students will finalize their career portfolio and present it for review and critique.

Prerequisites and other notes: Foundations of Medicine and Health Science and Structure and Functions of the Body must be completed or taken concurrently. CNA certification may be required for some placements. This course is part of a 4 - 6 credit completer program. Parents are responsible for student transportation. Students must meet all requirements established by the health facility partner. This class may be extended for a maximum of three (3) credits.

CNA Internships: The placements are all based on availability and the ability of the CNA students as evaluated by the instructors. (This is direct patient care!)

- First of all we are a testing site for the Geriatric Nursing Assistant NATIONAL Certification (this is an option in the fall for all successful CNA students and costs \$95)
- Some of the top CNA students assist in surgery (and sometimes in the past delivery)
- CNA certified students may get training and do Phlebotomy, EKG's and other Health Tech duties
- CNA certified students may work in doctor's offices
- CNA certified students may work at a nursing homes
- CNA certified students may be placed at the wound center, outpatient care, post-op. and many other places in the hospital
- CNA certified students also may get a front office assignment

Physical Rehab Internships: The placements are all based on availability and the ability of the students as evaluated by the instructor. (this is direct patient care!)

- Successful physical rehab students may work at the wellness center or healthcare center at a retirement home
- Successful physical rehab students may work at Central MD Rehab, MD Sports Care, or Nova Care with outpatient treatment
- Successful physical rehab students may rotate through the county at participating high schools with the athletic trainer.