

Academy of Health Professions- Nursing Pathway Options

Comparison Chart

Pathway options	Nursing Pathway (Pre-Nursing)	Career Nursing Assistant
	Traditional Program	New 2021-22 SY
Program end point	College bound	Entering workforce
Core course level	Transcripted college level (5.0 GPA)	Academic level (4.0 GPA)
Student applicants	<p>Should be students who are planning on attending college post-graduation to pursue a degree in nursing.</p> <p>Structure & Function of the Human Body & Foundations of Medicine and Health Science courses are rigorous college prep courses.</p> <p>The C.N.A course is intended to be an introduction to fundamental nursing skills.</p>	<p>Should be students with an interest in exploring health career options such as a frontline job in healthcare or part or full time employment as a certified nursing assistant.</p>
Purpose	<p>Prepare students for college and introduce fundamental nursing skills that will be beneficial in college nursing courses.</p>	<p>Prepare students for certification through the Maryland Board of Nursing as a nursing assistant and geriatric nursing assistant in order to enter the workforce in a nursing home, rehabilitation center, assisted living facility, or home health agency upon graduation.</p>
Prerequisite	Chemistry II (Human Anatomy strongly recommended)	Biology
Total credits	4-5 credits	6 credits
Transportation	<p>Transportation to and from CNA clinical experience during AHP I and to and from CCCTC, clinical/internship worksite during AHP II is the responsibility of the student/parent or guardian.</p>	<p>Transportation is provided for C.N.A clinical experience for AHP I, junior year. Transportation for AHP II internship, senior year, is the responsibility of the student/parent or guardian.</p>

AHP I Courses & Schedule	<p><i>Foundations of Medicine and Health Science- Level 9</i></p> <p><i>Structure and Functions of the Human Body- Level 9</i></p> <p><i>Certified Nursing Assistant – Level 8</i></p> <p>Senior Year- Fall Semester (Mods 1, 2 & 3)</p>	<p><i>Foundations of Medicine and Health Science- Level 6</i></p> <p><i>Structure and Functions of the Human Body- Level 6</i></p> <p><i>Certified Nursing Assistant – Level 6</i></p> <p>Junior Year- Spring Semester (Mods 1, 2,3)</p>
AHP II Courses & Schedule	<p>Senior Year- Spring Semester (Mods 1, 2)</p> <p>Completer Options:</p> <p>Students apply for one of the options. The placements are based on availability and student performance in AHP I.</p> <ul style="list-style-type: none"> • <i>Academy of Health Professions Internship (C.N.A/G.N.A, patient care technician, or medical assisting)</i> • <i>Dual enrollment (may be scheduled any (1) mod</i> 	<p>Senior Year- Fall Semester (Mods 1, 2 & 3)</p> <p>Completer Option:</p> <p><i>Academy of Health Professions Internship working as a C.N.A/G.N.A</i></p>

Students must earn their certification as a C.N.A and G.N.A in order to participate in an internship or AHP II course and be a completer of the Academy of Health Professions program.

Course Descriptions & Requirements

Academy of Health Professions I

Foundations of Medicine and Health Science

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.

Structure & Function of the Human Body

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, use scientific methods during investigations to solve problems and make informed decisions. Students will learn the medical terminology related to body systems.

Certified Nursing Assistant Theory & Clinical Experience

This course is designed to provide students the information needed to provide basic patient care, their role as part of the healthcare team, disease processes, and infection control and safety issues. Students will assume the role of the Certified Nursing Assistant (C.N.A) in a long-term care facility under the supervision of an instructor. The student will build upon the skills and knowledge learned in the classroom by providing hands-on care to residents/patients. This personal care will include all aspects of:

- Bathing/Showering/Skin Care
- Dressing
- Hygiene/Grooming (hair, nails, mouth care, shaving)
- Toileting (bedpan, urinal, bedside commode, toilet, ostomy care, measure/record output, collecting specimens)
- Incontinence Care (cleaning residents that have had loss of bowel/bladder control)
- Nutrition (feeding, hydration, measure/recording intake, obtaining weight)
- Mobility (walking, transferring, range of motion exercises, positioning/turning)

Students that meet all requirements will be eligible for CNA certification in Maryland and to take the Geriatric Nursing Assistant (GNA) national certification exam. Certification exams are only offered in the English language.

The Maryland Board of Nursing requires successful completion of an approved C.N.A program, a social security number or federal tax ID number, and a criminal background check to obtain certification.

Students must meet all of the responsibilities of a CNA as defined by the Maryland Board of Nursing including:

- Working as a collaborative member of the healthcare team.
- Demonstrating competency in safely performing nursing functions with clients of any age and/or ability.
- Identifying changes in patient condition/behavior and report any changes to nurse in timely manner.
- Observing and reporting the client's response and progress
- Providing feedback, suggestions, and recommendations based on observations.
- Recognizing individual limits of knowledge/experience and identifying the need for assistance.

Academy of Health Professions II

Academy of Health Internship (Career Nursing Assistant and Pre-Nursing option)

Students will have the opportunity to integrate content and knowledge from Academy of Health Professions I in a work-based internship as a certified geriatric nursing assistant. Student internships will be located at local nursing homes, assisted living facilities, and home health agencies. **Students must earn their certification as a C.N.A and G.N.A in order to participate in an internship/AHP II and be a completer of the Academy of Health Professions program.**

Academy of Health Internship- Patient Care Technician (Pre-Nursing students only)

Expanding upon Academy of Health Professions I knowledge and skills, this course is designed to train the student in advanced nursing assistant skills utilized in a hospital setting. Advanced nursing assistant skills include assisting providers with exams and procedures, performing EKG, phlebotomy and other essential laboratory procedures. Patient care technicians provide hands-on assistance to serve patients' basic needs alongside other healthcare professionals in a hospital setting. Students will complete clinical/internship in a hospital setting. C.N.A and G.N.A certifications required.

Academy of Health Internship- Certified Clinical Medical Assistant (Pre-Nursing students only)

Expanding upon Academy of Health Professions I knowledge and skills, this course is designed to train the student in medical assistant skills utilized in a medical office setting. Medical assistant skills include assisting providers with exams and procedures, performing EKG, phlebotomy and other essential laboratory procedures. C.N.A and G.N.A certifications required.

Dual Enrollment (Pre-Nursing students only)

Students enroll in a credit-bearing math or science course (includes psychology and sociology) at Carroll Community College. Students must pass the college course in order to receive high school credit. Passing the college course will be equivalent to 1-credit of AHP. Associated fees for dual enrollment offered at the community college are the responsibility of the student, parent and/or guardian. (Dual enrollment class may NOT be counted as a high school requirement completer course AND an AHP completer course)

Scheduling

Option 1: Nursing Pathway (Pre-Nursing)

Prerequisite: Chemistry II (strongly recommend Human Anatomy)

Note- Transportation to and from CNA clinical experience during AHP I and to and from CCCTC, clinical/internship worksite during AHP II is the responsibility of the student/parent or guardian.

<u>Mods</u>	<u>Junior Year</u>		<u>Senior Year</u>	
	Fall	Spring	Fall	Spring
<u>1</u>	<i>At home high school</i>	<i>At home high school</i>	(1) Foundations of Medicine (Transcripted College level- 5.0 GPA) (2) Structure and Function of the Human Body (Transcripted College level -5.0 GPA) (3) CNA Theory & Clinical Experience (Honors) (3 credits)	Academy of Health Internship (C.N.A/Medical Assisting, Patient Care Technician) (2 credits) OR Dual Enrollment (1- Credit)
<u>2</u>				
<u>3</u>				
<u>4</u>			<i>At home high school</i>	

Option 2: Career Nursing Assistant - Workforce

Prerequisite: Biology

Note- *Transportation to and from CNA experience is **PROVIDED**.

** Transportation to and from internship worksite is the responsibility of the student/parent or guardian

Mods	Junior Year		Senior Year	
	Fall	Spring	Fall	Spring
<u>1</u>	<i>At home high school</i>	(1) Foundations of Medicine (Academic) (2) Structure and Function of the Human Body (Academic) (3) *CNA Theory Clinical Experience (Academic) (3 credits)	**Academy of Health Internship (3 credits)	<i>At home high school</i>
<u>2</u>				
<u>3</u>				
<u>4</u>		<i>At home high school</i>	<i>At home high school</i>	