



Healthcare Professional: CTE Advanced Studies and Nursing Fundamentals Pathways

Career Pathway Plan of Study for ► Learners ► Parents ► Counselors ► Teachers/Faculty

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as learners continue on a career path. Core courses listed within this plan are individualized to meet each learner's educational and career goals. This Plan of Study meets appropriate high school graduation, college entrance, and Academy of Emergency Medical Science requirements.

EDUCATION LEVELS	GRADE	English/ Language Arts Course Offerings	Math Course Offerings	Science Course Offerings	Social Studies Course Offerings	Other Required Courses Other Electives Recommended Electives Learner Activities	*Career and Technical Courses and/ or Degree Major Courses for Programming and Software Development Pathway	SAMPLE Occupations Relating to This Pathway
SECONDARY	9	•English I, or •English I Honors	•Introductory Math; •Foundations of Math1; •Math 1; or •Math 1 Honors	•Earth/Environmental Science; •Earth/Environmental Science Honors	•World History; •World History Honors	Health/PE	•Foundations of Health Science Careers A (Fall Semester)	► Athletic Training ► Dental Hygienist ► Doctor ► Licensed Practical Nurse ► Medical Assistant
	10	•English II, or •English II Honors	•Foundations of Math 1; •Math 1; •Math 1 Honors; •Math 2; or •Math 2 Honors	•Biology •Biology Honors; or •Physical Science •Physical Science Honors	•AP World History; •AP Human Geography; or •American History 1; •American History 1 Honors	3 Electives of choice	•Foundations of Health Science Careers B (Spring Semester)	► Nurse Aide ► Physical Therapist Assistant ► Physical Therapist ► Physician's Assistant ► Pharmacy Assistant ► Psychologist ► Radiation Therapist
	11	•English III •English II Honors; or •AP Language	•Math 2; •Math 2 Honors; •Math 3 •Math 3 Honors; •Pre-Calculus; •Pre-Calculus Honors; •Math 4; or •an Advanced Math	•Chemistry Honors; •Biology; or •Physical Science	•AP US History; or •American History II; •American History II Honors	3 Electives of choice	•Health Science I Honors (Fall)	► Radiologic Technologist ► Registered Nurse ► Respiratory Therapist ► Surgical Technologist ► Veterinarian ► Veterinary Technician
	12	•English IV; • English IV Honors; or •AP Literature	•Pre-Calculus; •Math 3; •Math 3 Honors; •Math 4; or •an Advanced Math		•Civics & Economics; •Personal Finance		•Health Science II Honors (Fall) •CTE Advanced Studies (Spring) OR •Nursing Fundamentals (Spring)	Foreign Language 2 years of the same language is required for the UNC system schools