



Health Sciences Academy @ Kennedy

12Feb19

Cluster Overview: Focuses on careers in planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

Career Goal (O*NET Code): Pharmacist (29-1051), Pharmacy Technician (29-2052).

The purpose of the Health Sciences Academy is to allow students to explore a variety of Medical Careers and agencies while focusing on obtaining the Certified Pharmacy Technician Credential (CPhT) from PTCB. The sequence of courses offered provides an excellent foundation for pursuing ANY medical career in a community college or university setting.

SECONDARY EDUCATIONAL EXPERIENCES: Recommended High School Program

EXTENDED LEARNING EXPERIENCES

Middle School	8th	HS Courses:	Any CTE Elective		Curricular Experiences: Health Occupations Students of America (HOSA) Service to School & Community (TA)	Extracurricular Experiences: Language Immersion Programs Camp Med Ronald McDonald House Volunteer Training Student Government Yearbook NWAHEC Leadership
	9th	Core Courses:	English I Math I *Bridge Courses	World History Earth/Environmental Science PE 1/Life Management		
		Career-Related Courses:	Career Management (Freshman Requirement @ JFK) Health Team Relations (Academy Course) Electives: Art, Foreign Language, Microsoft Word & Powerpoint			
	10th	Core Courses:	English II Math 2 *Bridge Courses	Civics & Economics Biology PE2/Health	Career Learning Experiences: Internship Job Shadowing	Service Learning Experiences: Boy Scouts of America Campus Service Organizations Community Service Volunteer Girl Scouts of the USA Medical Mission Trips Peer Mentoring / Peer Tutoring
		Career-Related Courses:	Health Science I (Academy Course) Electives: Microsoft Word & Powerpoint, Principles of Business & Finance, Microsoft Excel, Art, Foreign Language			
	11th	Core Courses:	English III Math 3	American History 1 Science: Physical Science, Chemistry	COLLEGE CREDIT OPPORTUNITIES -- High School Articulated Courses include: Personal Finance, Microsoft Word & Powerpoint, Microsoft Excel, Health Science 1 & 2, Pharmacy Tech, & Entrepreneurship 1 & 2. <i>Articulated Credit</i> to NC Community Colleges is granted with a grade of A or B in the class and a 93 or better on the final exam. Credits must be used within 2 years of graduation. Qualified students may also access additional courses through Career & College Promise. Courses will vary depending upon the pathway.	
Career-Related Courses:		Health Science II (Academy Course) Electives: Microsoft Word & Powerpoint, Microsoft Excel, Entrepreneurship 1, Principles of Business & Finance, Art, Foreign Language				
12th	Core Courses:	English IV Advanced Functions & Modeling	American History 2 Science: Physical Science, Chemistry, Anatomy, or Alternative Energy			
	Career-Related Courses:	CTE Advanced Studies + Pharmacy Technician (Academy Course/2 semesters) Electives: Microsoft Word & Powerpoint, Microsoft Excel, Personal Finance, Principles of Business & Finance, Entrepreneurship 1, Entrepreneurship 2, Art, Foreign Language				

PRACTICUM AND/OR WORK-BASED EXPERIENCES

Academy Credentials

Elective Credentials

Drug Store Clerk Pharmacy Technician Hospital Volunteer

Certified Pharmacy Technician (CPhT)
OSHA 10-Hour Card
CPR Heartsaver - Adult, Child, AED
ACT WorkKeys Career Readiness Certificate (CRC)

Venture Entrepreneurial Certificate
EverFi Financial Literacy Certificate
Conover Career Readiness
Microsoft Office Specialist and/or Expert for Word, Powerpoint & Excel

NOTE: There are MANY more experiences available--these are listed as exemplars.

NOTE: Students enrolled in courses with credentials are EXPECTED to sit for the credential.

POSTSECONDARY EDUCATIONAL EXPERIENCES

CAREER OPTIONS

Postsecondary	Associate Degrees	Program of Study Specific Courses at NC Community College include: Cardiovascular Sonography, Dental Assisting, Dental Hygiene, Health Information Technologies, Interventional Cardiac and Vascular Technology, Magnetic Resonance Imaging, Medical Assisting, Medical Sonography, Nuclear Medicine, Nursing, Pharmacy Technology, Radiation Therapy, Respiratory Therapy, Therapeutic Massage, and Many More.			Pharmacy Technician Medical Office Assisting	
	Bachelor Degrees	Biology	Chemistry		Systems Manager	Therapeutic Nutrition
	Graduate Degrees	Doctorate in Pharmacy	Medical Technology	Science	Nuclear Pharmacist Oncology Specialists Pediatric Specialists	Pharmacist Pharmacy Practitioner