

Scope and Sequence Health Medical Professions



Academic Subjects – Career success and postsecondary education success require the same level of college prep coursework. The Pennsylvania Department of Education’s (PDE) focus is to ensure that every student is prepared for college and a career. Academic courses such as applied math or general science cannot be listed on the program’s scope and sequence. PDE’s goal is to have all students perform at the competent or advanced level on the PSSA, and earn the Pennsylvania Skills Certificate on the end-of-program assessment.

Subject (Hours)	Secondary School				Postsecondary Institution			
	Grade 9 (Hours)	Grade 10 (Hours)	Grade 11 (Hours)	Grade 12 (Hours)	First Semester	Second Semester	Third Semester	Fourth Semester
Technical		Intro to Healthcare	Medical Math & Safety	Medical Terminology/Diagnostic & Pathology	BIO 115 Human Anatomy & Physiology 1	BIO 125 Human Anatomy & Physiology II	BIO 201 Microbiology	
		Safety & Infection Control	Anatomy & Physiology	Office Procedures				
		Ethical/Legal & Communication Skills	Rehab/Physical & Occupational Therapy	Pharmacology Basics				
		Anatomy and Physiology	Respiratory Procedures	Job Seeking/Keeping Skills				
		Medical Terminology & Math	Basic Techniques & Alternative Therapies					
		Nutrition/Hydration & Mental Health	Human Needs/Development					
		Personal Care/Vital Signs & Death/Dying	Job Seeking Keeping Skills					
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English	College Prep English 9	College Prep English 10	College Prep English 11	College Prep English 12				
Math	Algebra I	Algebra II	Geometry	Trigonometry				
Science	Accelerated Integrated Science	Biology	Chemistry	Physics				
Humanities	Citizenship	World Cultures	American History I	American Government	PSY 111 Psychology	PSY 203 Developmental Psychology		Soc 111 Intro to Sociology
Other	Physical Education	Physical Education	Physical Education	Physical Education			FIT Elective Fitness	
	Health	Health	Health	Health			NUR 219 Adult Medical – Surgical Nursing II	NUR 280 Childbearing, Nursing