Health Science Pathway Model

Certified Medical Assistant ★ | **Bachelor's Degree, Respiratory Therapy** ★ | **Master's Degree, Physician Assistant** ★

Start Pre-Health
As early as grade 7
(based on readiness)

Workplace Visits
Job Shadow
Internship
Work

Medical Assistant 👍
Salary: $27,620
Job Growth (10 yr): 21.5%
Annual Openings: 793
Average Tuition: $0 - 4,000

Supervised Experience

Work

Respiratory Therapist 👍
Salary: $52,490
Job Growth (10 yr): 23.6%
Annual Openings: 245
Average Tuition (4 yr): $39,700

Supervised Experience
Internship

Work

Physician Assistant 👍
Salary: $88,040
Job Growth (10 yr): 21.2%
Annual Openings: 93
Average Tuition (4 yrs +): $60,300+

Internship

Work

Provided by middle schools, high schools, employers, Ohio Tech Centers, and colleges.

Preparing students for multiple options after high school:
gainful employment and/or postsecondary study.

Health Science Pathway Model

Secondary Pathway: **Allied Health and Nursing** Postsecondary Program: **Medical Assisting**

Courses with Secondary and Post-Secondary Credits

Secondary	**7 8**	English	Algebra I	Science	Social Studies	Fine Arts			
	9 10	English	Geometry	Biology	US History	Health (.5) PE (.5)			
	11	English	Algebra II	Chemistry	US Government & Economics	Foreign Language	Human Anatomy and Physiology	Nutrition and Wellness	Medical Terminology
	12	English	Trigonometry	Physics	Psychology	Foreign Language	Clinical Laboratory Techniques	Patient Centered Care	Mental Health
Post-Secondary	**Year 1 1st Semester**	English	Computer Applications	Intro to US Healthcare	Medical Terminology	Ethical/ Legal Issues in Health	Anatomy & Physiology I	Customer Service in Healthcare	
	Year 1 2nd Semester	English	Anatomy & Physiology II	Pharmacology	Intro to Medical Assisting	Psychology	Phlebotomy	Medical Office Insurance	
	Year 2 1st Semester	Interpersonal Communication	Patho-physiology	Basic Electro-cardiogram	Clinical Medical Assisting	Surgical Procedures	Physician Office Lab	Advanced Medical Terminology	
	Year 2 2nd Semester	Medical Assisting Practicum	Phlebotomy Clinical Practicum	Phlebotomy Seminar	Medical Assisting Seminar	Arts & Humanities Elective	Social/ Behavioral Science	General Elective	

High School CTE Program Courses

High School Courses for Postsecondary Credit (Including Apprenticeship Hours) and the Corresponding Postsecondary Courses

Required Courses

Recommend Electives

Visit education.ohio.gov/CareerConnections for reference information

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