



Health Science Career Pathway

Certificate,
Medical Assisting

Bachelor's Degree,
Respiratory Therapy

Master's Degree,
Physician Assistant

Start Pre-Health

As early as grade 7
(based on readiness)

Medical Assistant 🍑

Median Salary: \$27,620
Job Growth (10 yr): 21.5%
Annual Openings: 793
Average Tuition (1 yr): \$0 – \$3,900/yr

Respiratory Therapist 🍑

Median Salary: \$52,490
Job Growth (10 yr): 23.6%
Annual Openings: 245
Average Tuition (4 yrs): \$9,600/yr

Physician Assistant 🍑

Median Salary: \$88,040
Job Growth (10 yr): 21.2%
Annual Openings: 93
Average Tuition (3 yrs): \$11,300/yr



Workplace Visits
Job Shadow
Internship
Work

Supervised Experience

Work

Supervised Experience
Internship

Work

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.

Ohio In-demand Occupations

Data reflects 2014 Ohio labor statistics and public institutions of higher education for 2013-2014. For specific tuition costs, visit ohiohighered.org.



Health Science Career Pathway

Secondary Pathway: **Allied Health and Nursing**

Postsecondary Program: **Medical Assisting**

An Example of Courses with Secondary and Postsecondary Credits

Secondary	7 8	English I	Algebra I	Physical Science	Social Studies	Fine Arts	Health Science & Technology		
	9 10	English II	Geometry	Biology	World History	Health (.5) PE (.5)	Principles of Allied Health	World Languages	
	11	English III	Algebra II	Chemistry	U.S. History	Nutrition and Wellness	Medical Terminology	World Languages	
	12	English IV	Trigonometry/ Calculus	Anatomy & Physiology	U.S. Government	Clinical Laboratory Techniques	Patient Centered Care	Mental Health	
Postsecondary	Year 1 1st Semester	English	Anatomy & Physiology I	Intro to U.S. Healthcare	Medical Terminology	Ethical/ Legal Issues in Health	Computer Applications	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 Career-Technical Education Program Courses

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

Required Courses

Recommended Electives

Visit education.ohio.gov/CareerConnections for reference information.

Course titles and sequences will vary between schools.

10/2014