



# Health Science Career Pathway

Certificate,  
Patient Care

Bachelor's Degree,  
Respiratory Therapy

Doctoral Degree,  
Medicine

## Start Pre-Health

As early as grade 7  
(based on readiness)

## Patient Care Technician

Median Salary: \$37,420  
Job Growth (10 yr): 18.5%  
Annual Openings: 264  
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

## General Practitioner

Median Salary: \$150,230  
Job Growth (10 yr): 20.3%  
Annual Openings: 176  
Average Tuition (4 yrs): \$35,000/yr



Workplace Visits  
Job Shadow  
Internship  
Work

Supervised Experience  
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Work

Supervised Experience  
Internship  
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Work

Internship  
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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](http://ohiohighered.org).



# Health Science Career Pathway

Secondary Pathway: **Allied Health and Nursing**

Postsecondary Program: **Respiratory Care**

## 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	Medical Terminology	Human Patho-physiology	World Languages	
	12	English IV	Trigonometry/ Calculus	Anatomy & Physiology	U.S. Government	Patient Centered Care	Pharmacology		
Postsecondary	Year 1 1st Semester	English	College Seminar	Algebra	Intro to Clinical Experience	Human Anatomy	Intro to Respiratory Care	Medical Terminology	
	Year 1 2nd Semester	Organic & Biochemistry	Human Physiology	Therapeutic Procedures I	Clinical Practice I	Patient Assessment I	Respiratory Pharmacology	Respiratory Equipment	Cardio Anatomy & Physiology
	Year 2 1st Semester	Microbiology	Respiratory Patho-physiology I	Therapeutic Procedures II	Clinical Practice II	Patient Assessment II	Sociology	Respiratory Equipment II	
	Year 2 2nd Semester	Clinical Practicum	Respiratory Patho-physiology II	Therapeutic Procedures III	Clinical Practice III	Ethics			

### 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](http://education.ohio.gov/CareerConnections) for reference information.

Course titles and sequences will vary between schools.

11/2015