



# Health Science Career Pathway

Certificate,  
Medical Assisting

Associate or Bachelor's  
Degree, Nursing  
(RN or BSN)

Master's Degree,  
Nursing

## 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

## Registered Nurse 🍑

Median Salary: \$60,010  
Job Growth (10 yr): 20.4%  
Annual Openings: 5,016  
Average Tuition (2 yrs): \$3,900/yr  
Average Tuition (4 yrs): \$9,600/yr

## Family Nurse Practitioner 🍑

Median Salary: \$87,270  
Job Growth (10 yr): 21%  
Annual Openings: 21  
Average Tuition (2 yrs): \$11,300/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: **Nursing**

## 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	Nutrition and Wellness	World Languages
	11	English III	Algebra II	Chemistry	U.S. History	Mental Health	Medical Terminology	World Languages	
	12	English IV	Trigonometry/ Calculus	Anatomy & Physiology	U.S. Government	Clinical Laboratory Techniques	Patient Centered Care		
Postsecondary	Year 1 1st Semester	English	College Algebra	College Seminar	Nursing Foundations	Human Growth & Development	Human Anatomy	Patient Care	
	Year 1 2nd Semester	Statistics	Health Maintenance & Restoration I	Pharmacology	Human Physiology	Family & Community Health	Human Pathophysiology	Biochemistry	
	Year 2 1st Semester	Interpersonal Communication	Microbiology	Health Maintenance & Restoration II	Psychiatric & Mental Health Nursing	Psychology			
	Year 2 2nd Semester	Nursing, Leadership, & Management	Humanities Elective	Technical 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](http://education.ohio.gov/CareerConnections) for reference information.

Course titles and sequences will vary between schools.

10/2014