



Health Science Career Pathway

Certificate

Associate Degree,
Surgical Technology

Doctoral Degree,
Medicine



Start Pre-Health

As early as grade 7
(based on readiness)

Surgical Assistant

Median Salary: \$37,420
Job Growth (10 yr): 18.5%
Annual Openings: 264
Average Tuition (1 yr): \$0 – \$3,900/yr

Surgical Technologist

Median Salary: \$40,000
Job Growth (10 yr): 12.9%
Annual Openings: 106
Average Tuition (2 yrs): \$3,900/yr
Average Tuition (4 yrs): \$9,600/yr

Surgeon

Median Salary: \$187,200
Job Growth (10 yr): 19.4%
Annual Openings: 100
Average Tuition (4 yrs): \$35,000/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: **Surgery Technology**

Courses with Secondary and Post-Secondary 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 Pathophysiology	World Languages	
	12	English IV	Trigonometry/ Calculus	Anatomy & Physiology	U.S. Government	Patient Centered Care	Surgical Support		
Post-Secondary	Year 1 1st Semester	English Composition I	Anatomy & Physiology I	Medical Terminology I	Survey of Surgical Technology	Introduction to Pharmacology	Introduction to Surgery		
	Year 1 2nd Semester	Microbiology	Anatomy & Physiology II	General Surgery	Clinical Experience I	Clinical Experience II	Surgery Lab		
	Year 2 1st Semester	College Algebra	Surgical Specialties	Medical Terminology II	Clinical Experience III				
	Year 2 2nd Semester	Interpersonal Communication	Bioethics	Clinical Experience IV					

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.

11/2014