



Health Science Career Pathway

Certificate,
Dental Assisting

Associate or Bachelor's
Degree, Dental Hygiene

Doctoral Degree,
Dentistry

Start Pre-Health

As early as grade 7
(based on readiness)

Dental Assistant 👍

Median Salary: \$33,690
Job Growth (10 yr): 20.5%
Annual Openings: 416
Average Tuition (1 yr): \$0 – \$3,900/yr

Dental Hygienist 👍

Median Salary: \$65,510
Job Growth (10 yr): 26.3%
Annual Openings: 345
Average Tuition (2 yrs): \$3,900/yr
Average Tuition (4 yrs): \$9,600/yr

Dentist

Median Salary: \$158,460
Job Growth (10 yr): 9.5%
Annual Openings: 186
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: **Dental Hygiene**

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	Dental Technology	Medical Terminology	World Languages	
	12	English IV	Trigonometry/ Calculus	Anatomy & Physiology	U.S. Government	Dental Radiography	Oral Diagnosis & Treatment Planning		
Postsecondary	Year 1 1st Semester	College Seminar	Human Pathophysiology	Dental Anatomy & Physiology	Dental Hygiene Pre-Clinic	Intro to Dental Hygiene	Periodontology I	Preventive Concepts	Techniques I
	Year 1 2nd Semester	English	Intro to Microbiology	Techniques II	Clinic I	Oral Pathology	Periodontology II	Community Health Concepts	Dental Radiography
	Year 2 1st Semester	Interpersonal Communication	Community Health	Techniques III	Clinic II	Sociology	Pharmacology	Dental Materials	Pain Management
	Year 2 2nd Semester	Oral Communication	College Algebra	Techniques IV	Clinic III	Psychology	Dental Hygiene Case & Concepts	Humanities 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.

11/2014