Health Science Career Pathway

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

Certificate, Dental Assisting

Associate or Bachelor’s Degree, Dental Hygiene

Doctoral Degree, Dentistry

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.
Secondary Pathway: **Allied Health and Nursing**

Postsecondary Program: **Dental Hygiene**

### An Example of Courses with Secondary and Postsecondary Credits

<table>
<thead>
<tr>
<th>Year</th>
<th>1st Semester</th>
<th>2nd Semester</th>
<th>1st Semester</th>
<th>2nd Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 8</td>
<td>English I</td>
<td>Algebra I</td>
<td>Physical Science</td>
<td>Social Studies</td>
</tr>
<tr>
<td>9 10</td>
<td>English II</td>
<td>Geometry</td>
<td>Biology</td>
<td>World History</td>
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<tr>
<td></td>
<td>English III</td>
<td>Algebra II</td>
<td>Chemistry</td>
<td>U.S. History</td>
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<td>English IV</td>
<td>Trigonometry/Calculus</td>
<td>Anatomy &amp; Physiology</td>
<td>U.S. Government</td>
</tr>
<tr>
<td>12</td>
<td>English V</td>
<td>Trigonometry/</td>
<td>Anatomy &amp; Physiology</td>
<td>U.S. Government</td>
</tr>
</tbody>
</table>

### Postsecondary Courses

- **Year 1**
  - **1st Semester**
    - College Seminar
    - Human Pathophysics
    - Dental Anatomy & Physiology
    - Dental Hygiene Pre-Clinic
    - Intro to Dental Hygiene
    - Periodontology I
    - Preventive Concepts
    - Techniques I
  - **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

<table>
<thead>
<tr>
<th>Course Title</th>
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</thead>
</table>

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

Course titles and sequences will vary between schools.

11/2014