### RESPIRATORY SCIENCE
- Program of Study -

**Career Cluster:** Health Science

**Career Pathway:** Therapeutic Services

This Academic Plan is based upon the state requirements needed for an Advanced Diploma. Academic course names may vary among school districts.

<table>
<thead>
<tr>
<th>Grade</th>
<th>1st Course</th>
<th>2nd Course</th>
<th>3rd Course</th>
<th>4th Course</th>
<th>5th Course</th>
<th>6th Course (CTE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th</td>
<td>English I</td>
<td>Algebra I</td>
<td>Biology</td>
<td>Health /</td>
<td>Physical Education</td>
<td>Respiratory Science I</td>
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<td></td>
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<td></td>
<td>Computer Literacy</td>
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<tr>
<td>10th</td>
<td>English II</td>
<td>Geometry</td>
<td>Chemistry or</td>
<td>World History</td>
<td>Physical Education</td>
<td>Respiratory Science II</td>
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<td></td>
<td></td>
<td></td>
<td>Geoscience</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11th</td>
<td>English III</td>
<td>Algebra II</td>
<td>Science Course</td>
<td>US History</td>
<td>Foreign Language</td>
<td>Respiratory Science III</td>
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<td></td>
<td></td>
<td></td>
<td>or Elective 1</td>
<td></td>
<td>^2 or Elective 1</td>
<td></td>
</tr>
<tr>
<td>12th</td>
<td>English IV</td>
<td>Senior Level Math</td>
<td>Elective 1</td>
<td>US Government</td>
<td>Foreign Language</td>
<td>Respiratory Science Advanced Studies</td>
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<td>Course</td>
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<td>^2 or Elective 1</td>
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</tbody>
</table>

1 Electives may include arts and humanities courses or other career and technical education courses that relate to the program of study.

2 Foreign Language courses are recommended if a student is planning on entering a university. (See individual university admission policies)

3 CTE Assessments will be administered during the completion level CTE course.

### Career and Technical Student Organizations

- hosa: future health professionals

### Work-Based Learning

- Job Shadowing / Internship / Work Experience / Career Days / Career Fairs / Field Trips / Guest Speakers

### CTE Assessments

1) End of Program Technical Assessment for Respiratory Science

2) Workplace Readiness Skills Assessment (for Employability Skills Standards)

### Postsecondary Options

- College of Southern Nevada / Great Basin College / Nevada State College / Truckee Meadows Community College / University of Nevada, Las Vegas / University of Nevada, Reno / Western Nevada College

### Secondary Program Requirements

Student must earn the state Certificate of Skill Attainment in Respiratory Science.

### Postsecondary Credit Options

- College of Southern Nevada:
  - Point Award: Students choosing to pursue the CSN AAS Cardiorespiratory Sciences (Respiratory Science) will be awarded 1 point in the program’s Limited Entry Admission Application.

### High Wage - High Skill - High Demand Careers

- Respiratory Therapist / Nurse / Speech-Language Therapist / Occupational Therapist / Paramedic / Physician Assistant / Health Counselor / Exercise Physiologist

### State Recognized Industry Certifications

Refer to the Governor’s Office of Workforce Innovation’s Nevada Eligible Industry Credentialing List