### Suggested High School Courses

<table>
<thead>
<tr>
<th>High School</th>
<th>Core Academic Courses*</th>
<th>Suggested Electives:</th>
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</thead>
<tbody>
<tr>
<td>9th</td>
<td>English 9, Cultural Geography, Algebra I, Physical Science</td>
<td>Info Processing Health Physical Education World Language I</td>
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<tr>
<td>Career Path Courses:</td>
<td>Health Careers Exploration</td>
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<tr>
<td>10th</td>
<td>English 10, World History, Geometry, Biology</td>
<td>Computer Applications Physical Education World Language II</td>
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<tr>
<td>Career Path Courses:</td>
<td>First Responder/CPR</td>
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<tr>
<td>11th</td>
<td>English 11, US History, Algebra II, Chemistry</td>
<td>Physical Education World Language III</td>
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<tr>
<td>Career Path Courses:</td>
<td>Certified Nurse Assistant Training</td>
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<tr>
<td>12th</td>
<td>English 12, Civics/Political Science, Pre-calc/Trig or Other Math, Physics or Other Science</td>
<td>Honors Anatomy &amp; Physics (+2) World Language IV</td>
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<tr>
<td>Career Path Courses:</td>
<td>Phlebotomy Training, Pharmacy Technician Training</td>
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### Secondary to Postsecondary Linkages & Certifications

### Postsecondary Credit Options:
- Honors Anatomy & Physiology: BIO 106 Basic Anatomy & Physiology (4 credits)
- Health Careers Exploration: MOT 136 Intro to clinical skills (2 credits)
- First Responder/CPR: HPR 102 CPR for Health Care Providers (.5-2 credits)
- Certified Nurse Assistant Training: NUA 101CNA Training (4 credits). NUA 170 CNA clinicals (1 credit)
- Phlebotomy Training: HPR 112 Phlebotomy
- Pharmacy Technician Training:
  - PHT 111 Orientation to Pharmacy (3 credits)
  - PHT 112 Pharmacy Law (2 credits)
  - PHT 113 Pharmacy Calculations and Terminology (1 credits)
  - PHT 114 Computer Skills for Pharmacy Technicians (1cr)
  - PHT 115 Pharmacology I (3credits)
  - PHT 116 Institutional Pharmacy (3credits)
  - PHT 117 Communication for Pharmacy Technicians (1 credits)
  - PHT 118 Pharmacology II (3 credits)
  - PHT 120 Medical Insurance Procedures (1 credits)

### Industry Recognized Certificate(s) or License(s):
- First Responder
- CPR
- CNA
- Phlebotomy
- Pharmacy Technician
Cluster Overview:  The Health Science Career Cluster prepares students for careers in planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

Extended Learning Experiences

Curricular Experiences:  HOSA

Extracurricular Experiences:

Work-Based Learning Experiences:
CNA-job shadow
Phlebotomy – job shadow
9 health fair
BHS health fair
Pharmacy Tech – job shadow and internship at large medical facility and community pharmacy

Program Accreditation and/or Professional Association(s):
CNA program accredited by the Colorado State Board of Nursing

Service Learning Experiences:
Nursing home or hospital volunteer

Career Options:

<table>
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<tr>
<th>Certificate</th>
<th>Associate Degree</th>
<th>Bachelor Degree</th>
<th>Graduate Degree</th>
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<tbody>
<tr>
<td>CNA</td>
<td>Associate Registered Nurse</td>
<td>BSN</td>
<td>MSN</td>
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<tr>
<td>Phlebotomist</td>
<td>Pharmacy Technician</td>
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</table>

Salary Range:

- $12.00/hour
- $16.00/hour
- $18.00/hour
- $44,000/year
- $58,000.00/year
- $85,000/year

- $ = $15-25,000; $$ = $25-55,000; $$$ = $55-90,000; $$$$ = Above $90,000

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