### CTE PROGRAM OF STUDY: Associate of Science for Transfer, Nursing

<table>
<thead>
<tr>
<th>Level</th>
<th>Code</th>
<th>CTE Courses</th>
<th>English Language Arts</th>
<th>Math</th>
<th>Social Science</th>
<th>Science</th>
<th>Other Required Courses or Recommended Electives</th>
<th>Dual and/or Concurrent Enrollment</th>
<th>Articulated Courses (College Credit for HS Credits)</th>
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<tr>
<td>9</td>
<td></td>
<td>Health Careers Exploration Course (CBEDS #)</td>
<td>English (Medical/Contextual Recommended)</td>
<td>Algebra I</td>
<td>Biological Science (Medical Biology recommended)</td>
<td>Physical Education (Medical PE Recommended)</td>
<td>Computer Applications</td>
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**Recommended activities:** Get involved in HOSA, Career Exploration activities, Observe Medical Professionals, Tour local colleges, Attend college fairs. Explore ROP and/or Academy options in district.

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<td>10</td>
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<td>Health Careers I (CBEDS #)</td>
<td>English (Medical/Contextual Recommended)</td>
<td>Math (Geometry Recommended)</td>
<td>World History (Medical/Contextual Recommended)</td>
<td>Physical Education (Medical PE Recommended)</td>
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<tr>
<td>11</td>
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<td>Health Occupations (CBEDS #)</td>
<td>English (Medical/Contextual Recommended)</td>
<td>Algebra II (recommended)</td>
<td>US History (Medical/Contextual Recommended)</td>
<td>Physical Science (Medical chemistry recommended)</td>
<td>Foreign Language I or Visual &amp; Performing Arts</td>
<td>Recommend College General Education Courses (see below)</td>
<td>Emergency Medical Responder OR Medical Terminology OR Certified Nurse Assistant OR Introduction to Medical Assisting &amp;</td>
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**Recommended activities:** Get involved in HOSA, Career Exploration activities, Interview Medical Professionals, Tour local colleges, Attend college fairs. Complete a family health history project, Job Shadow, Volunteer at health care facility, Attend Health Careers Parent Information Session. Attend Health Fairs, Interview a college senior in health careers. Volunteer with the Red Cross.

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<td>Skill Certificate, such as: CNA First Responder, OR Medical Assisting</td>
<td>English (Medical/Contextual Recommended)</td>
<td>PreCalculus OR Trigonometry (recommended)</td>
<td>Government[semester] Economics [semester]</td>
<td>Anatomy/Physiology OR Physics (recommended)</td>
<td>Medical Math (recommended)</td>
<td>Recommend College General Education Courses (see below)</td>
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**Recommended activities:** Take local community college placement tests in Mathematics and English. Meet with community college counselor to develop an educational plan. Get involved in HOSA, Career Exploration activities, Interview Medical Professionals, Tour local colleges, Attend college fairs. Complete a family health history project, Job Shadow, Volunteer at health care facility, Attend Health Careers Parent Information Session. Attend Health Fairs, Interview a college senior in health careers. Volunteer with the Red Cross.

### Education Requirements

#### General Education Requirements

- **Area 1:** English Communication (6 units)
- **Area 2:** Mathematical Concepts and Quantitative Reasoning (3 units)
- **Area 3:** Arts & Humanities (9 units)

#### Certificates Available in Health Careers

- Respiratory Care
- Diagnostic Medical Imaging
- Radiology Technology
- Radiation Therapist
- Cardiovascular Technology
- Magnetic Resonance Imaging
- Technology
- Computerized Axial Tomography
- Nuclear Medicine Technology
- Ultrasound Technology
- Diagnostic
- Dietetic
- Medical Coder
- Medical Records/Health Info Tech.
- Medical Assistant
- Medical Laboratory Technology
- Registered Nurse (RN)
- Occupational Therapist
- Physical Therapy Assistant
- Speech Language Pathology Assistant
- Physicians Assistant
- Clinical Laboratory Scientist
- Speech Language Pathologist

#### Occupations Relating to this Pathway

- **Certified Nurses Assistant (CNA)**
- Licensed Vocational Nurse (LVN)
- IV Certification
- Anesthesia Certification
- CPR Certification
- Emergency Medical Technician (EMT) Paramedic
- Health/Medical Interpreter
- Medical Biker
- Medical and Health Service Manager
- Medical Secretary
- Patient Representative
- Medical Transcriptionist
- Home Health Aide
- Medical Assistant
- Surgical Technologist
- Nursing Orderly
- Pharmacy Aide
- Pharmacy Technician
- Physical Therapy Assistant

### Preparation Courses

- **Anatomy with lab**
- **Medical Terminology**
- **English communication (6 units)**
- **Area 1:** English Communication (6 units)
- **Area 2:** Mathematical Concepts and Quantitative Reasoning (3 units)
- **Area 3:** Arts & Humanities (9 units)
- **Area 4:** Social & Behavioral Science (9 units)
- **Area 5:** Physical & Biological Science (9 units)
- **Area 6:** Language Other Than English (UC Requirement only)
- **Chemistry with Lab**
- **Spanish (recommended)**

### Suggested Majors:

- Industry recognized certifications, Credentials, licenses, or apprenticeships related to this pathway

### Associate Degrees and Certificates of completion for courses completed. Additional certifications are available through credentialing or licensing entities

### Comments:

- Prerequisite requirements may vary by school and may alter the sequence of courses above.
- This template is based upon requirements for CSU transfer pattern and assumes that all basic skills (remedial) coursework is completed.
- For resources for Contextualized Core Academic areas at www.haspi.org
- Where there are course numbers identified, the course number references the CID course. Course content for these courses may be found at www.c-lid.net/descriptors. Per Title 5, students may only receive credit for articulated high school work upon completion of a credit by exam mechanism that ensures that the objectives of the community college course have been met. Completion of an articulated course in high school does not guarantee receipt of credit at the community college.