<table>
<thead>
<tr>
<th>Career Cluster: Health Science</th>
<th>CTE Program: Practical Nursing (Postsecondary); Allied Health Assisting (Secondary)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>16 CORE CURRICULUM CREDITS</th>
<th>8 ADDITIONAL CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH 4 credits</td>
<td>MATH 4 credits</td>
</tr>
<tr>
<td>SCIENCE 3 credits, 2 with lab</td>
<td>SOCIAL STUDIES 3 credits</td>
</tr>
<tr>
<td></td>
<td>OTHER REQUIRED COURSES</td>
</tr>
<tr>
<td></td>
<td>FINE ARTS (1 credit)</td>
</tr>
<tr>
<td></td>
<td>PHYSICAL EDUCATION (1 credit)</td>
</tr>
</tbody>
</table>

**HIGH SCHOOL**

- Students are encouraged to begin planning for careers and postsecondary options by exploring resources at mycareershines.org.
- Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.
- One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program

<table>
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<tr>
<th>9th</th>
<th>10th</th>
<th>11th</th>
<th>12th</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English I or English Honors I</strong></td>
<td><strong>English II or English Honors II</strong></td>
<td><strong>English III or English Honors III</strong></td>
<td><strong>English IV, English Honors IV, AP or ENC1101</strong></td>
</tr>
<tr>
<td><strong>Algebra I or Geometry or Honors</strong></td>
<td><strong>Algebra II or Geometry or Honors</strong></td>
<td><strong>Algebra II, Pre-Calculus or Advanced Topics in Math</strong></td>
<td><strong>Algebra II, Pre-Calculus, Advanced Topics in Math, AP or MAC1105 or STA2023</strong></td>
</tr>
<tr>
<td><strong>Physical Science or Biology</strong></td>
<td><strong>Biology or Biology Honors, Physical Science, or Physics</strong></td>
<td><strong>Anatomy and Physiology or Chemistry, or Honors or AP</strong></td>
<td><strong>Additional Science or BSC2085/2085L or AP</strong></td>
</tr>
<tr>
<td><strong>World Geography, AP Human Geography or Elective</strong></td>
<td><strong>World History or Honors</strong></td>
<td><strong>American History or Honors</strong></td>
<td><strong>American Government, Economics, Honors or Dual Enrollment</strong></td>
</tr>
<tr>
<td><strong>Physical Education (1credit) (Not required for ACCEL Program)</strong></td>
<td></td>
<td><strong>Practical Arts or Fine Arts course (1 credit)</strong></td>
<td><strong>Dual Enrollment PSY2012</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Health Science Foundations or Allied Health Assisting 3</strong></td>
<td><strong>Students Select Based on Offerings: EKG 3, CNA Emergency Medical/First Responder, Health Unit Coordinator</strong></td>
</tr>
<tr>
<td></td>
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<td><strong>Dual enrollment at SJRSC in the following courses:</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>Professions of Caring HSC 1004</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>Medical Terminology HSC 1531</strong></td>
</tr>
<tr>
<td></td>
<td></td>
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<td><strong>Foreign Language for SUS admission or other elective appropriate for student’s career and education plan.</strong></td>
</tr>
</tbody>
</table>

**POSTSECONDARY**

Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.

<table>
<thead>
<tr>
<th>TECHNICAL CENTER PROGRAM(S)</th>
<th>COMMUNITY COLLEGE PROGRAM(S)</th>
<th>UNIVERSITY PROGRAM(S)</th>
</tr>
</thead>
</table>

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### First Coast Technical College (FCTC)
- Vocational certificates:
  - Certified Nursing Assistant
  - Patient Care Technician
  - Practical Nursing

### St. Johns River State College (SJRSC)
- Nursing, Associate in Science degree (ASN) and LPN Bridge to ASN
- Nursing, Bachelor of Science degree (BSN)

### University of North Florida
- Brooks College of Health
- Bachelor’s degrees:
  - Community Health
  - Health Administration
  - Health Science
  - Nursing
  - Pre-Medical Physics

## Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)
- Patient Care Technician
- Certified Medical Assistant
- Licensed Practical Nurse
- Registered Health Information Technician
- Registered Nurse
- Health Services Manager
- Home Health Nurse
- Community Health Nurse
- Public Health Worker
- Health Services Administrator

## Articulation and CTE Dual Enrollment Opportunities

### Secondary to Technical Center (PSAV)
- (Minimum # of clock hours awarded)
- **First Coast Technical College**
  - Secondary students completing the Health Science Foundations secondary course can receive 90 clock hours applicable to the following postsecondary programs:
    - Certified Nursing Assistant
    - Patient Care Technician
    - Licensed Practical Nurse

- **St. Johns River State College**
  - Secondary students completing these dual enrollment courses earn 3 credit hours at the college towards Nursing (AS) program:
    - Professions of Caring HSC 1004
    - Medical Terminology HSC 1531

Please refer to our Career Pathways: [https://www.sjrstate.edu/careerpathways_health.html](https://www.sjrstate.edu/careerpathways_health.html)

### Secondary to College Credit Certificate or Degree
- (Minimum # of clock or credit hours awarded)
- **PSAV/PSV to AAS or AS/BS/BAS**
  - (Statewide and other local agreements may be included here)

- **FLDOE Statewide Articulation Agreement**
  - Licensed Practical Nurse certification articulates 10 hours of credit toward the Nursing (AS) R.N. degree program.


### Career and Technical Student Association
- HOSA – Health Occupations Students Association

### Internship/Work Experience Recommendations
- Practical experiences are provided in medical, clinical, hospital and nursing home settings and for some programs in simulation in the classroom. Students coordinate community service activities such as blood drives and food drives.

### Program of Study Graduation Requirements:
[https://www.fldoe.org/schools/k-12-public-schools/sss/graduation-requirements/](https://www.fldoe.org/schools/k-12-public-schools/sss/graduation-requirements/)