Academy for Health & Medical Sciences

The Academy for Health & Medical Sciences is a rigorous 4 year Honors Program for highly focused, college bound students. The Program is a partnership between the Somerset County Vocational & Technical High School and Raritan Valley Community College. Successful students will graduate with both a high school diploma and an Associate degree in General Science.

In the fall of their 8th grade year, students in both Somerset and Hunterdon County may apply to the Academy for Health and Medical Sciences. Students are accepted into the Academy based on the following admissions criteria: 7th and 8th grade GPAs, 7th grade standardized test scores, admissions testing for mathematics, language arts, and science, and personal interview. Only students who meet the minimum amount of points are eligible for admission.

In order to remain in the Academy, students must maintain a cumulative GPA of 3.0 or higher in all classes, including their high school and college courses, at the end of each quarter on their high school transcript. The Academy student must also obtain a GPA of 3.0 or higher at the end of each semester on their college transcript.

Curriculum:

**Year 1:**
- High school coursework including Honors courses in Biology, Combined Algebra, Physical Science, English, and Spanish
- Computer Literacy (3 college credits)

**Year 2:**
- High school coursework including Honors courses in History, Geometry, English, and Spanish, Medical Mathematics, Medical Terminology
- Anatomy & Physiology 1 & 2, Intro to Cultural Anthropology, Human Origins (14 college credits)

**Year 3:**
- High school coursework including Honors courses in History and Spanish, and Professional Development
- Pre-Calculus 1 & 2, Gen. Biology 1 & 2, Gen Chemistry 1 & 2, English Composition I (25 college credits)

**Year 4:**
- High school coursework including Financial Literacy and Honors Spanish
- Current Social & Moral Issues, Calculus 1 & 2 or Statistics 1 & 2, Gen. Physics 1 & 2, English Composition II (22 college credits)

Classes meet on both SCVTHS and RVCC campuses

Average number of new students accepted per year: 30
Opportunity for professional certifications: NO
Opportunity to earn college credits: YES
Opportunity to earn a college degree: YES

**Recent Student Post-Secondary Destinations**

Boston University
Cornell University
Ithaca College
Johns Hopkins University
Massachusetts Institute of Technology
New Jersey Institute of Technology
Princeton University
Rutgers University
Stanford University
Stevens Institute of Technology
Temple University
The College of New Jersey
SkillsUSA is a partnership of students, teachers and industry working together to ensure America has a skilled workforce. SkillsUSA helps each student excel by providing educational programs, events and competitions that support career and technical education (CTE) in the nation's classrooms.

SCVTHS students have the opportunity to compete for state and national recognition in SkillsUSA competitions. Over the last 4 years, Academy students have earned over 157 medals and awards in state and national competitions.

Recent Awards

<table>
<thead>
<tr>
<th>Year</th>
<th>Medal</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>Gold Medal</td>
<td>National Career Pathways Showcase: Business Management and Technology</td>
</tr>
<tr>
<td>2019</td>
<td>Gold Medal</td>
<td>National Career Pathways Showcase: Health Science</td>
</tr>
<tr>
<td>2021</td>
<td>Gold Medal</td>
<td>National Presidential Volunteer Service Award</td>
</tr>
<tr>
<td>2021</td>
<td>Gold Medal</td>
<td>National Quiz Bowl</td>
</tr>
<tr>
<td>2021</td>
<td>Gold Medal</td>
<td>State Medical Math</td>
</tr>
<tr>
<td>2021</td>
<td>Gold Medal</td>
<td>State Promotional Bulletin Board</td>
</tr>
<tr>
<td>2021</td>
<td>Gold Medal</td>
<td>State First Aid/CPR</td>
</tr>
</tbody>
</table>

Hands-on projects teach scientific thinking as well as project management, leadership skills, and the real world application of scientific principles learned in the classroom.

RVCC Commencement, May 2021: 7 students graduated *Summa Cum Laude* (GPA of 4.0), 12 students graduated *Magna Cum Laude* (GPA 3.8-3.99), and 5 students graduated *Cum Laude* (GPA of 3.5 to 3.79).