

**Victor Valley High School
Medical Academy**

— **Starting August 2021**

What is an Academy?

Academies are small learning communities where students work with their teachers and with community and business partners toward common career and postsecondary goals. The **Academy** programs have cohorts of students collaborating as a team for not just one class, one semester, or even one year; these students work together on academy curricula for three



Designing a High School Medical Academy

The Medical Science Academy is a 3-year multidisciplinary program. This program begins in the 10th grade.

Incorporates college preparatory courses such as AP and DE

Provides exposure to careers in the Medical, Science and Healthcare fields.

Participation in job shadowing and internships, field trips and have guest speakers from the Medical and Science community.



Current VVHS Medical Pathway

- Has been set up since 2013
- Offers certification hours for Medical Assisting, Physical Therapy Aide, Medical Billing, Pharmacy Tech
- Students learn vital signs, Medical Terminology, some anatomy, front office procedures and clinical in the classroom setting.
- Students are eligible to take the State exam for Medical Assisting and the National Exam in Insurance Billing, Medical Coding and Pharmacy Technician.



Advantages for students participating in the Academy:

- Four years of commitment to scientific courses
- Classes start with Biology/Honors Biology in the 9th grade
- Classes are aligned to student interests
- Academy sponsored social events and field trips
- Career advice from healthcare and science professionals
- Preparation towards a college major or job
- Small community of learners participating in a well-designed three-year plan of studies

Academy Structure



Includes **FIVE** distinct career pathways:

1. Patient Care Pathway
2. Kinesiology Physical Therapy Pathway
3. Health Administration Pathway
4. Health Technology Pathway
5. Health Science of Medicine Pathway

Students participate in hands-on learning using world technologies. Internship, externship and field trips provide invaluable experience. Students are scheduled to remain together in their major course work to create a common focus around their college and career preparation.

Pathway #1: Patient Care

10 Grade

Medical Core I (Medical Terminology)

11th Grade

Medical Core II (Anatomy/Physiology & diseases)

12th Grade

Medical Assisting

Pathway #2: Kinesiology Physical Therapy

10th Grade

Medical Core I

11th Grade

Physical Therapy Aide

12th Grade

Externship/simulation/Work -based Learning

Pathway #3: Health Administration

10th Grade

Medical Core I

11th Grade

Medical Records and Insurance Billing Technician

12th Grade

Externship/Simulation in EHR/Work -based Learning

Insurance Coding

Pathway #4: Health Technology

10th Grade

Principles of BioMedical Science

11th Grade

Pharmacy Technician

12th Grade

Externships/ simulations/ Work -based Learning

Next Steps: Four or Two year college degrees

Pathway #5: Health Science of Medicine

Along with taking AP Bio, AP Chem and AP Physics

10th Grade

Medical Core I

11th Grade

Medical Core II

12th Grade

Medical Assisting/Hospital Careers

Our Commitment.....

The VVHS Medical Academy Program will educate culturally diverse students to become future health professionals. By engaging all students in a rigorous program of mathematics, science, and CTE medical courses enhanced by the use of technology, all students will receive a wide range of preparation in medical careers and participate in service-learning opportunities outside of the classroom through partnerships with community, medical, and health-related facilities.

Thank You

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