Palmdale High School

Health Careers Academy
Palmdale High School

Antelope Valley
Title I School
Student Population of 3,200
46% Socioeconomically Disadvantaged
25% English Learners
Ethnic Breakdown
  66% Hispanic
  19% African American
  12% White, Non-Hispanic
  3% Other
Course Completion for admissions to a UC/CSU
  34%
High School Graduation Rate
  89%
Academy Students

Ethnic Breakdown
  67% Hispanic
  22% African American
  8% White, Non-Hispanic
  3% Other

English Language Learners
  19%

Special Education Students
  6%

Graduation Rate:
  100%

Course Completion for admissions to a UC/CSU
  96%
Health Career Academy

✓ Started by Mike and Sandi Hanlon 19 years ago
✓ 20 Staff Members
✓ 4 year program
✓ Funding from the Kern Resource Center, and the California Partnership Academy through the CDE
The mission of the Palmdale High School Health Careers Academy is to place students in a comprehensive career pathway that prepares them for postsecondary education, while developing skills essential for employment in the health-care industry.
## 2009/2010 CST DATA

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## 2009/2010 CST Data

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English Scores Med V Non Med

2010 CST Scores

- English 10
- English 11
- All English

Color keys:
- Med (blue)
- Non Med (red)
Math Scores Med V Non Med

CST Score

Alg II

Geo

Med
Non Med
Science Scores Med V Non Med

- Biology
- Chemistry
- Life Science

2010 CST Scores

- Med
- Non Med
White Students Med V Non Med

<table>
<thead>
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<th>Subject</th>
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CAHSEE

Palmdale High
School-wide
Sophomore Pass Rate
2009-10
English 75%
Math 68%

Palmdale High
Health Careers Academy
Sophomore Pass Rate
2009-10
English 94%
Math 86%
CAHSEE Results

- Math: Academy - 90, School-Wide - 60
- English: Academy - 100, School-Wide - 70
Discipline
<table>
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<tr>
<th>Course</th>
<th>Freshman</th>
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<td>Civics/Econ Or AP</td>
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<td><strong>Electives</strong></td>
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<td>Medical/ Clinical I and/or Sports Med (zero period)</td>
<td>Medical/ Clinical II And/or EMT</td>
<td>50 Units Or 70 Units (Optional)</td>
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| Total Units | 60 | 60 | 60 | 60 | 240 |
Freshman Year

- Recruitment in the Junior High Schools and accept all interested students as Freshman
- Introduction to Health Careers Course
- Placed in Medical English, Science, and Health
- Field Trip-Team Building
- Integrated Projects
- Community Projects
Sophomore Year

- Students take Medical English, Science, and History
- Field trips
- Integrated projects
- HOSA
Junior Year

✓ Students enroll in a 20 unit year-long elective ROP course.
✓ Students are involved in Job Shadowing two days a week at one of 3 major health facilities
✓ 10 units are UC “G” approved
✓ Can also take Sports Medicine
✓ Students take Medical English, Science, History, and Math
✓ Certified in CPR and trained in Hospital Procedures/Protocols to Industry Standards
Senior Year

☑️ Students choose to participate as an intern at one of 70 different sites
☑️ 20 unit, year-long course where students spend 3 days a week at their internship site
☑️ Receive Certificates in Veinapuncture, Injection Training, EKG, CPR, and First Aid
☑️ EMT and Sports Medicine Courses available.
In The Field
On the Field
What is Hosa?

✓ Health Occupations Students of America
  – National student organization
    Endorsed by U.S. Department of Education and the Association for Career and Technical Education
  – 90,000 members in 44 chartered state associations
✓ Premier organization for students preparing a career in the health field
  “HOSA's two-fold mission is to promote career opportunities in the health care industry and to enhance the delivery of quality health care to all people.”
Health Careers Academy
HOSA
SUCCESS
Biomedical Debate

- HOSA Event consisting of 3-4 members with a preliminary round and debate, “pairing” round.
- Academic State Standards, CTE Standards, critical thinking, research, teamwork, project development and management are infused into the process
- Students apply their skills during an integrated project, in the workplace while in clinical rotations, and college entrance requirements
Work-Based Learning

- Students apply their classroom knowledge in the workplace
- Increased motivation and success
- Students rise to the high expectations from the professionals resulting in a higher level of confidence
- Students use their Critical Thinking Skills to diagnose and treat illnesses
- 100% of all students go to college and a significant number of the graduates are offered a medical position
CTE COURSES

- Level I Job-Shadow and Level II Internship Courses are Career Technical Courses- ROP

- The relationship between these courses with the ROP are benefited with:
  - Funding
  - Legal Authority of Business Agreements and Affiliations
  - Industry Standard Based with Academic Enrichment
  - Post Secondary Career and College Oriented
Community Volunteer Hours

- Freshman 12 Hours
- Sophomore 18 Hours
- Junior 50 Hours
- Senior 50 Hours
Challenges

✓ Transportation to the hospitals and internship sites
✓ Liability and insurance issues
✓ Communication with industry, staff, administration, and the community
Contact Information

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tklein@avhsd.org