



Temescal Canyon High School

*Health and Medical Careers
Academy*



Pathways

- Career Technical Education (CTE) pathways are designed to give students technical skills that can lead to a career
 - CTE Pathways are partnered with local community colleges so students can continue their training after high school.
 - CTE Pathways also integrate into many university programs
 - CTE Pathways have a suggested course sequence and program of study for students
- TCHS Career Pathways and Coordinators:
 - Health and Medical Careers – Kathy Parks
 - 3D Animation – Ernie Arnold
 - Fashion Design and Merchandising – Lesa Gallegher
 - Design – Lesa Gallegher
 - Manufacturing Engineering – Robert Parks



Health and Medical Careers Academy

- The Health and Medical Careers Academy is a comprehensive program that provides students with the foundations necessary to successfully enter college level programs leading to a career in the healthcare industry
- Students who complete the 3-year Academy receive a Certificate of Completion and an award to wear at graduation



Courses in the Health and Medical Careers Pathway

- Health and Medical Careers Academy 1, 2, 3 (10 credits each beginning in the sophomore year)
- Sports Medicine (10)
- Advanced Sports Medicine (10)
- Anatomy & Physiology
- Chemistry
- And more



Students enrolled in the Health and Medical Careers Academy might be interested in any one of the many rewarding careers within the healthcare industry, such as:

- Physical Therapist
- Paramedic or EMT
- Medical Doctor
- Psychologist or Therapist
- Surgical Assisting
- Physician's Assistant
- Lab Tech
- Ultrasound Tech
- Medical Assistant
- Phlebotomist
- Medical Billing
- XRay Tech
- Registered Nurse
- Veterinary Medicine
- Pharmacist
- Pharmacy Tech
- And more



Health and Medical Careers Academy 1

- The first course in the program (HMCA 1) covers topics in:
 - Human Body Systems
 - Substance Abuse and Treatment
 - Mental Health, Disorders and their Treatment
 - Human Reproduction and Life Cycle
 - Disease Prevention, including HIV/STIs
 - Nutrition & Fitness
 - First Aid & Safety
 - Peer Counseling
 - In-Depth Research into Various Medical Careers
 - Fieldtrips to Local Medical Facilities
 - Guest Speakers from the Medical Community



Health and Medical Careers Academy 2

- This course provides further exploration and refinement of health concepts such as:
 - Advanced Body Systems
 - Environmental Health
 - Medical Terminology
 - Ethics in Medicine
 - Hands-On Skills, such as taking and recording vital signs
 - CPR Certification
 - Field Trip Opportunities and Medical Facility Tours
 - Expert Guest Speakers
 - And more
- (note: HMCA 2 is still in the planning stages)



Sports Medicine

- Sports medicine class introduces students to the careers and sports medicine field:
 - Careers
 - Taping & Bracing
 - Emergency Preparedness
 - Including First aid & CPR
 - Infection Control
 - Injuries to tissues
 - Injuries to the body
 - Strength & Conditioning
 - Ethical & legal Considerations
 - Physical fitness assessment
 - Nutrition



Advanced Sports Medicine

- Advanced sports medicine gives students the opportunity to be a part of the sports medicine team
- Prepare athletes for practices & games
- Students will work with Titan athletes during practices & games
- This class covers more in depth topics about:
 - Injury Prevention
 - Injury Recognition
 - Taping & Bracing
 - Modalities
 - Rehabilitation Techniques
 - Emergency Procedures



Health and Medical Careers Academy - Future Plans

- Job shadowing opportunities with local medical professionals in the Senior Year
- Capstone project in the Senior Year/HMCA 3
- Elective status for Health Sciences and Medical Terminology
- Articulation with MSJC for college credit
- Creation of a lab-environment through use of grant funds
- (note: we are still in the planning stages; more to come)