



Medical Careers Pathway

COSUMNES OAKS HIGH SCHOOL

The Medical Careers Pathway is a 3-course pathway designed for students who intend to enter the healthcare career field. The pathway curriculum focuses on foundational knowledge and skills needed to be successful in any career involving patient care. The pathway has been aligned with industry developed core competencies and skills, as well as, three Los Rios Community College Courses required for health pathway programs. This pathway also includes guest speakers, job shadowing, internship opportunities and mentorships with industry partners and pre-med students from local colleges.

The mission of Cosumnes Oaks Medical Careers Pathway is to provide the skills and foundational knowledge for students to pursue post-secondary options for healthcare careers and educational programs. Patient care skills will be developed through hands-on activities, pre-med mentors and industry partnerships that provide a variety of real-world experiences.

Articulated post secondary credits are available.



ACADEMY BENEFITS

- Medical Careers I and II: Job Shadowing (10-12 hours)
- Medical Careers III: Internship (40-60 hours)
- Senior Seminar and Showcase
- Real-world scenarios and simulations
- Hands on patient care procedures and skills
- Vital signs and Diagnostic Testing
- Mock surgery
- Disease Research and Treatment plans
- Medical Team Dynamics and Communication Skills

FUTURE CAREER OPTIONS

High School Diploma

- Introductory Community Health Worker
- Physical Therapy Assistant
- Respiratory Care Practitioner
- Optometric Assistant
- Medical Assistant
- Medical Office Secretary
- Home Health Aide
- Laboratory Assistant
- Pharmacy Aide
- Dental Assistant
- Medical Equipment Preparer
- Personal and Home Care Aide
- Psychiatric Aides
- Veterinary Assistant
- Laboratory Animal Caretaker
- Biotechnology Assistant
- Central Supply Aide
- Geriatric Assistant

AA, AS Degree or Certificate

- Certified Nursing Assistant
- Pharmacy Technician
- Registered Nurse (2 yr)
- Paramedic
- Operating Room Technician
- Medical Records Technician
- Emergency Medical Tech
- Licensed Vocational Nurse
- Radiology Technologist
- Dental Lab Tech
- Respiratory Therapist
- Cardiovascular Technologist
- Dental Hygienist
- Diagnostic Medical Sonographer
- Biomedical Tech
- Environmental Services Tech
- Gerontologist

BS, BA or Post-Graduate Degree

- Surgeon
- Speech-Language Pathologist
- Registered Nurses (4 yr)
- Pharmacist
- Physician
- Orthodontist
- Nurse Practitioner
- Anesthesiologist
- Athletic Trainer
- Dietitians and Nutritionist
- Clinical Trials Researcher
- Biomedical Chemist
- Geneticist
- Health Services Administrator
- Industrial Hygienist
- Materials Management
- Medical/Public Health Social Worker

BUSINESS PARTNERS

- Dignity Health
- Sutter Medical
- UC Davis
- Kaiser
- California North State University

SAMPLE CAREER-THEMED COURSES

* The sample program of study outlined below lists academy-specific courses and does not include the full list of graduation requirements in writing, math, VAPA, WL, etc. These courses are subject to change based upon industry trends.

10th Grade Medical Careers I: Anatomy & Medical Terminology

Medical Careers I is the first in a series of elective courses designed to prepare students to enter a career in healthcare. This course exposes students to the healthcare industry by surveying the wide spectrum of healthcare occupations. Students will learn about the anatomical structures of the human body, medical terminology and skills that apply to a variety of health occupations. Students will explore the major career fields and be able to distinguish between technical, professional, and entry level positions within each area.

11th Grade Medical Careers II: Physiology & Pathology

This course integrates Next Generation Science Standards integrated with Patient Care Health Pathway standards. Students will investigate the various pathologies of each system, explore the diagnostic and therapeutic procedures, and medications relevant to each system. Students will learn about the medical careers and specialties for each body system. Students will develop patient care and employability skills. Learning will be enhanced through the use of laboratory experiments, research, case studies and dissections. Students will have the opportunity to earn 3 college course credits for medical terminology.

12th Grade Medical Careers III: Advanced Patient Care Skills

This is the capstone course for the Medical Careers pathway. This is a CTE course designed to prepare students to enter a career in healthcare. This course exposes students to the healthcare industry by providing work-based learning opportunities such as internships with a variety of healthcare providers. Students will continue to develop the patient care and soft skills in and out of the classroom. Each student will perform advanced patient care skills and demonstrate industry developed clinical and cultural competencies required for entry level healthcare positions. Internships will require an application process. In this course students will earn up to 4 college credits for Healthcare in a Multicultural Society and Medical Dosage Calculations.



CONTACT INFORMATION



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Medical Careers Pathway**

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ACADEMY VS. NON-ACADEMY DATA (DISTRICT-WIDE)

