

CAREER TECHNICAL EDUCATION

Medical Science/ Health Careers



Silicon Valley Career Technical Education

Medical Science/Health Careers (UC “d,g”)

Medical Science/Health Careers course is a 348-hour hands-on course designed to provide students an overview of the different careers associated with health sciences and health technology. It prepares students for entry level employment and introduces the student to the various careers within the health field and the necessary training required. It covers general anatomy & physiology, public health, mental health, medical terminology, nutrition, vital signs, cellular physiology, medical math, bioethics, confidentiality, and job-seeking skills. In addition, this course offers physical, emotional, social and cultural instruction that will provide the student with the skills necessary to give effective patient care in long-term care facilities, hospitals, home health and other patient care facilities. The class focuses on academic, technical skills, and employability practices. Students will develop personal and professional skills in the classroom that will transfer to the workplace:

- Anatomy and Physiology/Human Biology: Dissection of various animal organs
- Medical Terminology
- Human Health & Disease: Culture, Society, and Ethics
- Nutrition & Wellness: Macronutrients and over nutrition
- Infection Control: Sterilization, Disinfection, Sanitation: Principles, Application, Technologies and Monitoring
- Public Health: Behavioral science, management, epidemiology, environmental health sciences
- Patient confidentiality/HIPPA
- Basic Pharmacology: Science of medication actions, sources, chemical properties, classification, uses, therapeutic effect, side-effects, adverse effects, and routes of administration.
- Basic Patient Care: Wound care, Vital signs, Medical Imaging, postural alignment and body mechanics, Patients on safe bed mobility and transfers.
- Aging Systems and Geriatrics Study
- 21st Century Career Essential Skills
- College and Research Writing
- Mathematical Science, Conversion

CLASS BENEFITS

- 20-30 high school credits earned per year
- Develop skills leading to a highly paid, high demand job

EARNED OUTSIDE OF (FOLLOWING) THE CLASS

- CPR Certificate

CERTIFICATIONS EARNED WITHIN THE CLASS

- Course completion certificate
- Home Health Aide (HHA) certificate
- College articulation with Evergreen Valley College, Mission College and West Valley College with a B grade and above.

JOB OPPORTUNITIES UPON COMPLETION

- Surgeon
- Scientist
- Doctor
- Nurse Practitioner (NP)
- Psychologist
- Clinical Pharmacist
- Registered Nurse (RN)
- Health Educator
- Occupational/Physical Therapist
- Dietician
- Ultrasound Technician
- Physician Assistant



Schedule your visit: svcte.org/campus-tour

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Meet your future, head on.



Silicon Valley

Career Technical Education www.svcte.org

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A MetroED School



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The Governing Board is committed to providing equal opportunity for all individuals in education. District programs, activities, and practices shall be free from unlawful discrimination, including discrimination against an individual or group based on race, color, ancestry, nationality, national origin, ethnic group identification, age, religion, marital, pregnancy, or parental status, physical or mental disability, sex, sexual orientation, gender, gender identity or expression, or genetic information; a perception of one or more of such characteristics; or association with a person or group with one or more of these actual or perceived characteristics.