



SAN DIEGO & IMPERIAL COUNTIES
HEALTH PROFESSIONS
PROGRAM GUIDE



Health and Science Pipeline Initiative
Formerly Regional Allied Health and Science Initiative

8800 Grossmont College Drive

El Cajon, CA 92020-1799

2012

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INTRODUCTION

HASPI is a collaborative network of K-16 educators, industry representatives, and community organizations that are actively engaged in the common effort to improve students' ultimate success in healthcare professions. HASPI preparation is intended for students of all academic levels and backgrounds.

This guide provides encapsulated information for each of the San Diego and Imperial County Community Colleges, adult education and Universities that offer Health Career programs.

Please note that every program available in the counties may not be listed. Please visit the HASPI website at <http://www.haspi.org/college-connection.html> for updated information or check the schools' websites and course catalogs for complete lists of all programs they offer. Every effort was made to include as many programs as possible.

HEALTH PROFESSION PROGRAMS AT A GLANCE

51% of college health career programs require science courses as a pre-requisite or as a program requirement (universities are not included in this percentage). The programs listed below require one or more science courses unless otherwise noted.

Anesthesia Technology (even years only)	EMT Paramedic	Medical Transcription - No science courses required
<ul style="list-style-type: none"> Grossmont College 	<ul style="list-style-type: none"> Imperial Valley College Palomar College Southwestern College 	<ul style="list-style-type: none"> Grossmont College Palomar College
Bioprocess Technology	Health Information Technology	Nursing LVN to RN
<ul style="list-style-type: none"> Mira Costa College 	<ul style="list-style-type: none"> Mesa College 	<ul style="list-style-type: none"> City College Grossmont College Imperial Valley College Mira Costa College Southwestern College
Biotechnology Laboratory Assistant	Health Unit Coordinator - No science courses required	Nursing RN (Registered Nurse)
<ul style="list-style-type: none"> Mira Costa College 	<ul style="list-style-type: none"> Vista Adult Ed/ROP 	<ul style="list-style-type: none"> City College Grossmont College Imperial Valley College Palomar College Southwestern College
Biotech Research and Development	Home Health Aide - No science courses required	Nursing – Operating Room
<ul style="list-style-type: none"> Mira Costa College 	<ul style="list-style-type: none"> Imperial Valley College Mira Costa College Escondido Union Adult Ed/ROP Grossmont Union Adult Ed/ROP (Health Occupations Center) San Diego Continuing Ed (SDCE) Sweetwater Union Adult Ed/ROP 	<ul style="list-style-type: none"> Southwestern College
Biotechnology	LVN (Licensed Vocational Nurse)	Occupational Therapy Assistant
<ul style="list-style-type: none"> City College Miramar College Southwestern College 	<ul style="list-style-type: none"> Imperial Valley College Mira Costa College Southwestern College Grossmont Union Adult Ed/ROP (Health Occupations Center) 	<ul style="list-style-type: none"> Grossmont College
Cardiovascular Technology	Massage Therapy Tech - No science courses required	Orthopedic Tech
<ul style="list-style-type: none"> Grossmont College 	<ul style="list-style-type: none"> Mira Costa College 	<ul style="list-style-type: none"> Grossmont College
Central Service Technology	Medical Assistant - No science courses required	Pharmaceutical & Lab Science - No science courses required
<ul style="list-style-type: none"> Southwestern College 	<ul style="list-style-type: none"> Imperial Valley College Mesa College Southwestern College Escondido Union Adult Ed/ROP Grossmont Union Adult Ed/ROP (Health Occupations Center) Sweetwater Union Adult Ed/ROP Vista Adult Ed/ROP 	<ul style="list-style-type: none"> Southwestern College
CNA (Certified Nursing Assistant) - No science courses required	Medical Billing & Coding - No science courses required	Pharmacy Tech - No science courses required
<ul style="list-style-type: none"> Imperial Valley College Mira Costa College Southwestern College Escondido Union Adult Ed/ROP Grossmont Union Adult Ed/ROP Health Occupations Center San Diego Continuing Ed (SDCE) Sweetwater Union Adult Ed/ROP 	<ul style="list-style-type: none"> Escondido Union Adult Ed/ROP Mira Costa College Southwestern College Vista Adult Ed/ROP 	<ul style="list-style-type: none"> Escondido Union Adult Ed/ROP Imperial Valley College Grossmont Union Adult Ed/ROP (Health Occupations Center) Sweetwater Union Adult Ed/ROP
Dental Assisting - No science courses required	Medical Lab Technology	Phlebotomy Tech - No science courses required
<ul style="list-style-type: none"> Palomar College Mesa College Grossmont Union Adult Ed/ROP 	<ul style="list-style-type: none"> Miramar College Southwestern College 	<ul style="list-style-type: none"> Escondido Union Adult Ed/ROP Mesa College On hold until 2013 Grossmont Union Adult Ed/ROP (Health Occupations Center) Vista Adult Ed/ROP
Dental Hygiene	Medical Office/Administrative - No science courses required	Physical Therapy Assistant
Southwestern College	<ul style="list-style-type: none"> Escondido Union Adult Ed/ROP Mira Costa College Southwestern College Vista Adult Ed/ROP 	<ul style="list-style-type: none"> Mesa College
Dietetic Services Supervisor	Medical Transcription - No science courses required	Radiologic Tech
<i>No science courses required</i>	<ul style="list-style-type: none"> Grossmont College Imperial Valley College Palomar College Miramar College Southwestern College (requires two science courses) Grossmont Union Adult Ed/ROP (Health Occupations Center) 	<ul style="list-style-type: none"> Mesa College
<ul style="list-style-type: none"> Mesa College 	Medical Unit Coordinator - No science courses required	Respiratory Therapy Assistant
Disability Services Management - No science courses required	<ul style="list-style-type: none"> Grossmont College 	<ul style="list-style-type: none"> Grossmont College
<ul style="list-style-type: none"> Grossmont College 	Medical Billing & Coding - No science courses required	Surgical Tech
Electronic Health Records (EHR) Systems Tech	<ul style="list-style-type: none"> Escondido Union Adult Ed/ROP 	<ul style="list-style-type: none"> Grossmont Union Adult Ed/ROP (Health Occupations Center) Mira Costa College Southwestern College
<ul style="list-style-type: none"> Escondido Union Adult Ed/ROP 	Medical Lab Technology	Telemetry/EKG - No science courses required
EMT Basic - No science courses required	<ul style="list-style-type: none"> Miramar College Southwestern College 	<ul style="list-style-type: none"> Grossmont College
<ul style="list-style-type: none"> Imperial Valley College Palomar College Miramar College Southwestern College (requires two science courses) Grossmont Union Adult Ed/ROP (Health Occupations Center) 	Medical Office/Administrative - No science courses required	

LOCAL UNIVERSITIES

Please note that this summary may not represent every program available in the county. Please check the schools' websites and course catalogs for complete lists of all programs they offer. Every effort was made to include as many programs as possible.

California State University, San Marcos - (CSUSM)	Degree/Certificate
Biochemistry, Biotechnology, and Various Science Degrees	BS
Biological Sciences - concentrations in: Molecular and Cellular Biology, Physiology	BS, MS
Human Development - concentrations in: Adult and Gerontology Services, Children's Services, Counseling Services, Health Services	BA
Kinesiology - options in: Physical Education, Applied Exercise, Pre-Physical Therapy, Health Science	BS
Nursing	BSN
California State University, San Marcos - (CSUSM) – Extended Studies	Degree/Certificate
Administrative or Clinical Dental Assistant	On-line certificate
Emergency Management Training for First Responders	On-line certificate
Medical Billing & Coding: Physician's office, Hospital and CCS Prep, Administrative + Medical Terminology	On-line certificate
Medical Transcription	On-line
National Pharmaceutical Representative	On-line certificate
Pharmacy Technician	On-line certificate
Physical Therapy Aide	On-line
Loma Linda University	Degree/Certificate
School of Allied Health Professions	Various certificates and Bachelor, Master and Doctorate degrees available in several programs
School of Dentistry	
School of Medicine	
School of Nursing	
School of Pharmacy	
School of Public Health	
National University	Degree/Certificate
Nursing	Various certificates and Bachelor degrees available in several programs
Bachelor of Science in Allied Health	
Bachelor of Science Major in Radiation Therapy	
Graduate Certificate in Health Coaching	
Graduate Certificate in Integrative Health	
Graduate Certificate in Nursing Informatics	
Licensed Vocational Nurse to Bachelor of Science in Nursing	
LVN to RN 30 Unit Option Certificate	
Master of Science in Nurse Anesthesia	
Point Loma Nazarene University	Degree/Certificate
Various Science Degrees	BA, BS, MS
Biology - Pre-Med, Pre-Dental	BS
Biology/Chemistry	BS
Dietetics	BS
Kinesiology - majors in: Athletics Training, Exercise Science, Physical Education	BA
Nursing	BSN

San Diego State University (SDSU) College of Health and Human Services	Degree/Certificate
Various Science Degrees	BS, MS
School of Exercise & Nutritional Sciences	
School of Nursing	
School of Social Work	
Graduate School of Public Health	
School of Speech, Language, & Hearing Sciences	
Biotechnology	Certificate
Nursing	BSN
Public Health - majors in: Biometry, Environmental Health, Epidemiology, Global Emergency Preparedness and Response, Health Promotion and Behavioral Sciences, Health Management and Policy	MPH
Social Work/Direct Practice & Administration - options in: Community Organizing, Child Welfare, Family Services, Mental Health, Aging, Substance Abuse, Health, International Social Work	BASW, MSW, MSW/MPH, MSW/JD
Toxicology	MS
San Diego State University (SDSU) - Extended Studies	Degree/Certificate
Advanced Certificate in Biomedical Quality Systems	On-line course
EKG Technician	Certificate
Electronic Health Record Management	
Medical Billing & Coding	On-line course
Medical Transcription	On-line course
Nutrition for Optimal Health, Wellness and Sports	On-line certificate
Pharmacy Tech	On-line course
University of California, San Diego (UCSD)	Degree/Certificate
Multiple Science Degrees & Concentrations	BS, MS
School of Medicine	MD
School of Pharmacy	PharmD
Sonography	Certificate
University of California, San Diego (UCSD) - Extended Studies	Degree/Certificate
Alcohol & Drug Abuse Counseling	Certificate
Biostatistics	Certificate
Clinical Laboratory Scientist Training	Certificate
Clinical Trials: Administration, Design and Management, in Latin America	Certificate
Emergency Department Nursing	Certificate
Fitness Instruction/Exercise Science	Certificate
Healthcare Information Technology	Certificate
Hospital Coding Expert	Certificate
Lactation Consultant	Certificate
Medical Procedural Coding	Certificate
Occupational Health and Safety	Certificate
Play Therapy	Certificate
Therapeutic Uses of Art	Certificate
University of Phoenix – San Diego Campus	Degree/Certificate
Health Administration - concentrations in: Emergency Management, Health Information Systems, Health Management, Long-Term Care	On-line BS; Various on-line Master degrees available in several programs
College of Nursing: LPN/LVN to Bachelor of Science in Nursing, RN to Bachelor of Science in Nursing and Master of Science in Nursing	BS, MS

Health Care Administration	On-line AA
Medical Records	On-line AA
University of San Diego (USD)	Degree/Certificate
Various Science Degrees	BA
Biochemistry	BA
Nursing	MSN, DNP



GROSSMONT COLLEGE

PROGRAMS OFFERED:

- Anesthesia Technology – on hold
- Cardiovascular Technology
- Disability Services Management
- Medical Office
- Medical Transcription
- Nursing – RN and LVN to RN
- Occupational Therapy Assistant
- Orthopedic Technology
- Respiratory Therapy Assistant
- Telemetry/Electrocardiograph (EKG) Technician



**GROSSMONT
COLLEGE**

GROSSMONT COLLEGE

8800 Grossmont College Drive

El Cajon, CA 92020-1799

www.grossmont.edu

Health Career Info:

<http://www.grossmont.edu/healthprofessions>

ANESTHESIA TECHNOLOGY – On hold

PREREQUISITE SCIENCE COURSE(S):

- BOT 161: Medical Terminology (3.0 units)
- BIO 140: Anatomy (5.0 units) **OR** BIO 144: Anatomy & Physiology I (4.0 units)

REQUIRED SCIENCE COURSE(S):

- RESP 142: Anatomy and Physiology for Anesthesia Tech 2.0 units

PROGRAM INFORMATION:

An aptitude for science, math and technology is highly recommended. Intermediate to advanced biology coursework and/or anatomy and physiology course will help the student be successful in the program. Students should have good problem solving abilities and be able to handle stressful situations.

SALARY INFORMATION:

\$19 to \$26 per hour



GROSSMONT COLLEGE

8800 Grossmont College Drive

El Cajon, CA 92020-1799

www.grossmont.edu

Program info:

www.grossmont.edu/cte/anesthesiatech

- **Wait list: None**
- **Number of students on wait list: 0**
- **Students accepted each year: 35**
- **Number of semesters/units: 3 semesters**
- **Number of faculty: 4 adjuncts**

CARDIOVASCULAR TECHNOLOGY

PREREQUISITE SCIENCE COURSES

- CHEM 115 - Fundamentals of Chemistry And BIO 144/145 - Anatomy & Physiology I & II

Or

- BIO 140 - Anatomy & BIO 141 - Physiology

PROGRAM INFORMATION

The Cardiovascular Technologist assists the physician by using an array of sophisticated medical instrumentation in the diagnosis and treatment of cardiovascular disease.

The Grossmont CVT Program offers three specialties: Adult Echocardiography, Vascular Technology, and Invasive Cardiology. It is a two-year, full-time program and is one of only four CVT colleges in the western states. A new class begins each September, with graduates earning an Associate's Degree. The program courses contribute about 55 units to the major, with G.E. courses rounding out the balance.

Cardiovascular Technology involves sophisticated medical procedures, complex equipment and requires detail oriented practitioner. Applicants with a strong background in chemistry, biology, physics, medical terminology or allied health experience are encouraged to apply. Candidates are encouraged to have excellent English and Math skills, the equivalent of Bachelor's level work or higher.

EMPLOYMENT INFORMATION

The CVT employment outlook is excellent, per the U.S. Bureau of Labor Statistics. A growth rate of 18-20% per year is expected into the foreseeable future. There are numerous openings in every job market across the country. Wages and raises are significantly higher than average. Working conditions are primarily those found in hospitals, clinics and physician offices. Shift work, overtime and "call" are typical but not necessarily required by all sites.

ENTRY SALARIES

Typically about \$65k/yr, to over \$90k/yr in very large market with a high cost-of-living differential.



GROSSMONT COLLEGE

8800 Grossmont College Drive
El Cajon, CA 92020-1799
www.grossmont.edu
Department Info:
<http://www.grossmont.edu/CVT>

- **Wait list: Typically, 1 to 2 years, (or more)**
- **Students accepted each fall: about 50**
- **Semesters/units: 5 semesters/55 units**
- **Number of faculty: 4 full-time, 9 adjunct**

DISABILITY SERVICES MANAGEMENT

REQUIRED SCIENCE COURSE(S):

- BIO 120: Principles of Biology (4.0 units)
- BIO 140: Human Anatomy (5.0 units)
- BIO 144: Anatomy & Physiology I (4.0 units)

PROGRAM INFORMATION:

The Disability Services management program at Grossmont College is designed to prepare the student to provide support to individuals with disabilities in a variety of home, work, school and recreation environments. Emphasis is placed on students applying their skills in increasingly complex systems of support which facilitate the inclusion of people with disabilities in the fabric of society.

The program is structured to encourage transfer to four-year institutions where students can pursue professional degrees which would qualify them for instructor, administrative or consultant positions. Health Sciences 110 and 150 plus certification in CPR and First Aid meet the minimum requirements for the California State Department of Developmental Services Residential Services Specialist (RSS) Certificate.

SALARY INFORMATION:

\$11 to \$16 per hour depending on employment setting



GROSSMONT COLLEGE

8800 Grossmont College Drive

El Cajon, CA 92020-1799

www.grossmont.edu

Janice Goforth-Melroy

Janice.goforth@gcccd.edu

619.644.3488

- **Wait list: None**
- **Number of students on wait list: 0**
- **Students accepted each year: 35**
- **Number of semesters/units: 34-37 Units plus General Education Requirements**
- **Number of faculty: 3 adjuncts**

MEDICAL OFFICE

PREREQUISITE SCIENCE COURSE(S):

None

REQUIRED SCIENCE COURSE(S):

- BOT 161: Medical Terminology (3.0 units)

PROGRAM INFORMATION:

The Medical Office Assistant Certificate of Proficiency provides students with the skills necessary to gain employment in a variety of medical office environments. Students may choose to begin a new career or update existing job skills. Students successfully completing the certificate will be qualified to seek employment as: medical office receptionists, assistants, medical clerical workers, hospital admitting clerks, medical insurance billers, medical insurance coders, and insurance claims processors.

SALARY INFORMATION:

\$11 to \$16 per hour



GROSSMONT COLLEGE

8800 Grossmont College Drive

El Cajon, CA 92020-1799

www.grossmont.edu

Department Info:

619.644.7816

www.grossmont.edu/bot

- **Wait list: None**
- **Number of students on wait list: 0**
- **Students accepted each year: 35**
- **Number of semesters/units: 2 semesters**
- **Number of faculty: 2 full-time**

MEDICAL TRANSCRIPTION**PREREQUISITE SCIENCE COURSE(S):**

None

PROGRAM INFORMATION:

This Certificate of Proficiency provides technical skills, healthcare science and medical language background necessary to begin a career as a healthcare documentation professional. Students successfully completing this certificate will be prepared to enter into the healthcare documentation field in single-specialty physicians' offices, group practice or small medical clinic settings. The certificate provides a strong foundation toward working in the acute-care or multi-specialty workplace.

SALARY INFORMATION:

\$15 to \$22 per hour

**GROSSMONT COLLEGE**

8800 Grossmont College Drive
El Cajon, CA 92020-1799
www.grossmont.edu

- **Wait list: None**
- **Number of students on wait list: 0**
- **Students accepted each year: 30**
- **Number of semesters/units: 17.5 units**
- **Number of faculty: 1 full-time**

NURSING – RN AND LVN TO RN

PREREQUISITE SCIENCE COURSE(S):

- BIO 144: Anatomy & Physiology I (4.0 units) & BIO 145: Anatomy & Physiology II (4.0 units) **Or** BIO 140: Human Anatomy (5.0 units) & BIO 141: Human Physiology (3.0 units) & BIO 142: Human Physiology Lab (2.0 units)
- BIO 152: Paramedical Microbiology (5.0 units)

NURSING MAJOR REQUIREMENTS:

- English Composition: Eng. 120 or 124
- Intermediate Algebra: Math 103 or higher
- Communications/Speech: Comm. 102 or 122*
- Psychology: Psych. 120
- Sociology: Soc. 114 or 120

PROGRAM INFORMATION:

The Associate Degree Registered Nursing Programs at Grossmont College prepare men and women for national licensure to practice professional nursing in critical, acute, chronic, ambulatory and home health care settings. For students without previous nursing education, the nursing courses cover four semesters plus the prerequisite science and General Education courses. Nursing science didactic is coordinated with laboratory experience in local hospitals and health agencies under the guidance of nursing faculty members. In addition to the nursing courses, the major requires selected general education courses from the natural, behavioral and social sciences. California Licensed Vocational Nurses are eligible to apply for a 3-semester LVN-RN Transition Program.

SALARY INFORMATION:

\$34 to \$48 per hour



GROSSMONT COLLEGE

8800 Grossmont College Drive

El Cajon, CA 92020-1799

www.grossmont.edu/nursing

619.644.7301

Director of Nursing: Deb Delaney

- **Wait list: None- Multi-Criteria Selection**
- **Students accepted each year: 90**
- **Number of semesters/units:**
- **2 year AND - 4 semesters**
- **LVN to AND - 3 semesters**
- **Number of faculty: 9 full-time, 19 adjuncts**

OCCUPATIONAL THERAPY ASSISTANT

PREREQUISITE SCIENCE COURSE(S):

- BIO 120: Principles of Biology (4.0 units)
- BIO 144: Anatomy & Physiology I (4.0 units) & BIO 145: Anatomy & Physiology II (4.0 units) **OR**
BIO 140: Human Anatomy (5.0 units) & BIO 141: Human Physiology (3.0 units)

PROGRAM INFORMATION:

Occupational Therapy Assistants work under the direct supervision of an Occupational Therapist to provide all levels of patient treatment. As an occupational therapy practitioner, you will help children and adults gain skills needed to take part in meaningful occupations—from dressing and feeding themselves, to work, school, leisurely and community pursuits. You'll confront problems and suggest innovative tools and techniques to help your clients perform daily tasks and gain more independence in their lives. You will be part of a team that helps make person's home, school, or work safer and more productive (AOTA).

SALARY INFORMATION:

\$24 to \$33 per hour



GROSSMONT COLLEGE

8800 Grossmont College Drive

El Cajon, CA 92020-1799

www.grossmont.edu

Department Info:

www.grossmont.edu/healthprofessions/otawebpage

- **Wait list: None**
- **Number of students on wait list: 0**
- **Students accepted each year: 26 to 30**
- **Number of semesters/units: 6 semesters (begins in summer)**
- **Number of faculty: 1 full-time, 5 adjuncts**

ORTHOPEDIC TECHNOLOGY

PREREQUISITE SCIENCE COURSE(S):

- BIO 120: Principles of Biology (4.0 units)
- BIO 144: Anatomy & Physiology I (4.0 units) OR BIO 140: Human Anatomy (5.0 units)
- CHEM 115: Fundamentals of Chemistry (4.0 units) OR college prep high school chemistry

REQUIRED SCIENCE COURSE(S):

- OT 110: Orthopedic Anatomy & Physiology (5.0 units)
- OT 210: Advanced Orthopedic Anatomy & Physiology (5.0 units)

PROGRAM INFORMATION:

Orthopedic Technologists apply, adjust and/or remove casts, splints and braces. They also set up, adjust and maintain traction configurations, assist with the care of acutely injured patients and assist the physician in the reduction and/or manipulation of orthopedic injuries.

This one year program is designed to provide Orthopedic Technology graduates with lifetime professional skills in a rapidly expanding allied health field.

SALARY INFORMATION:

\$13 to \$22 per hour



GROSSMONT COLLEGE

8800 Grossmont College Drive

El Cajon, CA 92020-1799

www.grossmont.edu

Department Info:

619.644.7550

www.grossmont.edu/cte/orthopedict

- **Wait list: None**
- **Number of students on wait list: 0**
- **Students accepted each year: 35**
- **Number of semesters/units: 3 semesters**
- **Number of faculty: 2 adjuncts**

RESPIRATORY THERAPY

PREREQUISITE SCIENCE COURSE(S):

- BIO 144: Anatomy & Physiology I (4.0 units) & BIO 145: Anatomy & Physiology II (4.0 units) OR BIO 140: Anatomy (5 units) & BIO 141: Physiology I (3 units)
- CHEM 115: Fundamentals of Chemistry (4.0 units) OR prep high school chemistry

REQUIRED SCIENCE COURSE(S):

- BIO 152: Paramedical Microbiology 5.0 units

PROGRAM INFORMATION:

Practitioners in Respiratory Therapy are involved in a wide variety of life-saving and life-supporting situations, working side by side with physicians and others on the health care team. Patients ranging in age from newborns to senior citizens receive the expert services of a Respiratory Therapist from critical care settings to the home. Patient management includes disease prevention, treatment of pulmonary disorders, cardio-respiratory diagnosis, and pulmonary rehabilitation. This profession is in high demand.

SALARY INFORMATION:

\$23 to \$31 per hour



GROSSMONT COLLEGE

8800 Grossmont College Drive

El Cajon, CA 92020-1799

www.grossmont.edu

Department Info:

www.grossmont.edu/healthprofessions/rtprogram

- **Wait list: 1 year**
- **Number of students on wait list: ~60+**
- **Students accepted each year: 45**
- **Number of semesters/units: 4 semesters**
- **Number of faculty: 2 full-time, 20 adjuncts**

TELEMETRY/EKG TECHNICIAN

PREREQUISITE SCIENCE COURSE(S):

None

PROGRAM INFORMATION:

The telemetry technician program offers a sequence of four courses which provide specific training in Electrocardiograph theory and techniques: EKG Theory, EKG Techniques, Advanced EKG Theory, and Advanced Cardiac Monitoring.

Students who successfully complete the Telemetry/EKG Technician program are eligible to take the national certification exam administered by the American Cardiology Technologists Association. Program information:

SALARY INFORMATION:

\$15 to \$19 per hour



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www.grossmont.edu

Department Info:

619.644.7550

www.grossmont.edu/cte/telemetry

- **Wait list: None**
- **Number of students on wait list: 0**
- **Students accepted each year: 35**
- **Number of semesters/units: 2 semesters**
- **Number of faculty: 1 adjunct**

IMPERIAL VALLEY COLLEGE

PROGRAMS OFFERED:

- Certified Nursing Assistant
- Emergency Medical Technician Basic
- Emergency Medical Technician Paramedic
- Home Health Aide
- Licensed Vocational Nurse
- Medical Office
- Nursing - LVN to RN
- Nursing - RN
- Pharmacy Technician



IMPERIAL VALLEY COLLEGE

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www.imperial.edu

CERTIFIED NURSING ASSISTANT

PREREQUISITE SCIENCE COURSE(S):

None

RECOMMENDED COURSE(S):

- AHP 100: Medical Terminology (3.0 units)

PROGRAM INFORMATION:

The Nursing Education and Health Technologies Division at Imperial Valley College, offers Health Assistant and Home Health Aide classes throughout the year. The Health Assistant (CNA) Program prepares the student to take the State Competency exam at IVC after completion. Students are then eligible for official certification as a nurse assistant from the State of California. After completing this course, students are eligible to take the Home Health Aide course. After completion of Home Health, students are awarded official certification from the State. Students must pass the CNA State exam to be eligible for Home Health. CNAs can work in a variety of areas, but most specifically, the demand lies in long-term care agencies such as convalescent homes. Home Health Aides work in the home, working under home health care facilities.

SALARY INFORMATION:

\$11 - \$15 per hour



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www.imperial.edu
Coordinator: Laura Hartsock
Phone: (760)355-6348
laura.hartsock@imperial.edu

- **Wait list: none**
- **Number of students on wait list: 0**
- **Students accepted each year: 30**
- **Number of semesters/units: 1 semester**
- **Number of faculty: 2 adjuncts**

EMT BASIC

PREREQUISITE SCIENCE COURSE(S):

None

PROGRAM INFORMATION:

The EMT-Basic represents the first component of the emergency medical technician system. An EMT trained at this level is prepared to care for patients at the scene of an accident and while transporting patients by ambulance to the hospital under medical direction. The EMT-Basic has the emergency skills to assess a patient's condition and manage respiratory, cardiac, and trauma emergencies.

SALARY INFORMATION:

\$12 to \$17 per hour



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- **Wait list: none**
- **Number of students on wait list: 0**
- **Students accepted each year: 25**
- **Number of semesters/units: 1 semester**
- **Number of faculty: 1 full-time, 5 adjuncts**

EMT PARAMEDIC

REQUIRED SCIENCE COURSE(S):

- BIO 090: Anatomy & Physiology for Health Occupations (3.0 units)

RECOMMENDED COURSE(S):

- AHP 100: Medical Terminology (3.0 units)
- NURS 100: Medication Mathematics (1.0 unit)

PROGRAM INFORMATION:

EMT-Paramedics provide the most extensive pre-hospital care. In addition to carrying out the procedures of the other levels, paramedics may administer drugs orally and intravenously, interpret electrocardiograms (EKGs), perform endotracheal intubations, and use monitors and other complex equipment. However, like EMT-Intermediate, what paramedics are permitted to do, is varied by State.

SALARY INFORMATION:

\$15 to \$20 per hour



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- **Wait list: None**
- **Number of students on wait list: 0**
- **Students accepted each year: 20**
- **Number of semesters/units: 2 semesters**
- **Number of faculty: 1 full-time, 10+ adjuncts**

HOME HEALTH AIDE

PREREQUISITE SCIENCE COURSE(S):

None

RECOMMENDED COURSE(S):

- AHP 100: Medical Terminology (3.0 units)

PROGRAM INFORMATION:

The Nursing Education and Health Technologies Division, at Imperial Valley College, offers Health Assistant and Home Health Aide classes throughout the year. The Health Assistant (CNA) Program prepares the student to take the State Competency exam at IVC after completion. Students are then eligible for official certification as a nurse assistant from the State of California. After completing this course, students are eligible to take the Home Health Aide course. After completion of Home Health, students are awarded official certification from the State. Students must pass the CNA State exam to be eligible for Home Health. CNAs can work in a variety of areas, but most specifically the demand lies in long-term care agencies such as convalescent homes. Home Health Aides work in the home, working under home health care facilities.

SALARY INFORMATION:

\$8 - \$12 per hour



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- **Wait list: None**
- **Number of students on wait list: 0**
- **Students accepted each year: 15**
- **Number of semesters/units: 40 hours**
- **Number of faculty: 1 adjunct**

LICENSED VOCATIONAL NURSE

PREREQUISITE SCIENCE COURSE(S):

- BIO 090: Anatomy & Physiology for Health Occupations (3.0 units)
- ENG 101
- PSY 101
- AHP 100

REQUIRED SCIENCE COURSE(S):

- VN 114: Pharmacology I (1.5 units)

PROGRAM INFORMATION:

The program prepares graduates to provide basic bedside nursing care to patients and/or clients under the direction of a physician or registered nurse. Duties of the LVN include provision of basic hygienic and nursing care, measurement of vital signs, basic client assessment, documentation, performance of prescribed medical treatments, administration of prescribed medications, and performance of non-medicated intravenous therapy and blood withdrawal (requires separate Board certification).

SALARY INFORMATION:

\$20 to \$27 per hour



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- **Wait list: None**
- **Number of students on wait list: 0**
- **Students accepted every 3 semesters 20**
- **Number of semesters/units: 3 semesters**
- **Number of faculty: 2 full-time**

MEDICAL OFFICE

PREREQUISITE SCIENCE COURSE(S):

- AHP 100: Medical Terminology (3.0 units)

PROGRAM INFORMATION:

The Administrative Medical Assistant Program is a course of study designed to prepare students for entry-level positions in clinics and doctor's offices. Students receive a certificate of completion for Front Office Medical Assistant after completing four (4) classes and a certificate of completion in Medical Assistant after completing all eight (8) classes.

SALARY INFORMATION:

\$11 to \$16 per hour



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- **Wait list: none**
- **Number of students on wait list: 0**
- **Students accepted each year: 25**
- **Number of semesters/units: 1-2 semesters**
- **Number of faculty: 1 adjunct**

NURSING LVN TO RN

PREREQUISITE SCIENCE COURSE(S):

- BIO 100: Principles of Biological Science (4.0 units)
- CHEM 100: Introduction to Chemistry (4.0 units)
- BIO 220: General Microbiology (5.0 units)
- BIO 200: Human Anatomy & Physiology I (4.0 units) & BIO 202: Human Anatomy & Physiology II (4.0 units) **OR** BIO 204: Human Anatomy (4.0 units) & BIO 206: Human Physiology (4.0 units)

RECOMMENDED COURSE(S):

- AHP 100: Medical Terminology (3.0 units)
- NURS 100: Medication Mathematics (1.0 units)

PROGRAM INFORMATION:

Imperial Valley College offers **three** (3) options for LVNs wishing to advance to the RN level. All options are open to students who have an active California LVN license. Admission to each level is based on space availability.

SALARY INFORMATION:

\$34 to \$48 per hour



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- **Wait list: 1 semester**
- **Number of students on wait list: 0**
- **Students accepted each year: 3-5**
- **Number of semesters/units: 2 semesters**
- **Number of faculty: 2 full-time**

NURSING RN

PREREQUISITE SCIENCE COURSE(S):

- BIO 100: Principles of Biological Science (4.0 units)
- CHEM 100: Introduction to Chemistry (4.0 units)
- BIO 220: General Microbiology (5.0 units)
- BIO 200: Human Anatomy & Physiology I (4.0 units)
- BIO 202: Human Anatomy & Physiology II (4.0 units) **OR** BIO 204: Human Anatomy (4.0 units) & BIO 206: Human Physiology (4.0 units)

RECOMMENDED COURSE(S):

- AHP 100: Medical Terminology (3.0 units) - recommended
- NURS 100: Medication Mathematics (1.0 unit) - required

PROGRAM INFORMATION:

Imperial Valley College offers an Associate Degree Registered Nursing Program for students who are in good health, 18 years of age or older, and eligible for admission to the College. The program prepares graduates to give direct nursing care to patients and/or clients in a variety of healthcare settings on a staff nurse level. The program is fully accredited by the CA Board of Registered Nursing and provides equal opportunities to men and women. Students are granted an Associate of Science degree in Registered Nursing upon graduation.

SALARY INFORMATION:

\$34 to \$48 per hour



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laura.hartsock@imperial.edu

- **Wait list: None**
- **Number of students on wait list: 0**
- **Students accepted each year: 20-40**
- **Number of semesters/units: 4 semesters**
- **Number of faculty: 9 full-time, 14 adjuncts**

PHARMACY TECHNICIAN

PREREQUISITE SCIENCE COURSE(S):

None

PROGRAM INFORMATION:

Pharmacy technicians help licensed Pharmacists provide medication and other health care products to patients. Technicians usually perform routine tasks to help prepare prescribed medication, such as counting tablets and labeling bottles. They also perform administrative duties, such as answering phones, stocking shelves, and operating cash registers.

SALARY INFORMATION:

\$15 to \$20 per hour



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laura.hartsock@imperial.edu

- **Wait list: None**
- **Number of students on wait list: 0**
- **Students accepted each year: 30**
- **Number of semesters/units: 1 semester**
- **Number of faculty: 2 adjuncts**

A large graphic featuring a light blue circle on the left, a white horizontal bar in the middle, and a teal horizontal bar on the right. A large black bracket is on the left side of the white bar, and a large red bracket is on the right side of the teal bar. The text "MIRA COSTA COLLEGE" is centered in the white bar.

MIRA COSTA
COLLEGE

PROGRAMS OFFERED:

- Bioprocess Technology
- Biotechnology Laboratory Assistant
- Biotechnology Research & Development
- Certified Nursing Assistant
- Health Care Fundamentals
- Home Health Aide
- Licensed Vocational Nursing
- Massage Therapy Technician
- Medical Billing & Coding
- Medical Office Professional
- Nursing - LVN to RN
- Surgical Technology



MIRA COSTA COLLEGE

1 Barnard Drive
Oceanside, CA 92056
www.miracosta.edu

BIOPROCESS TECHNOLOGY

PREREQUISITE SCIENCE COURSE(S):

None

REQUIRED SCIENCE COURSE(S):

- BIO 101: General Biology (3.0 units)
- BIO 105: Genes & Technology in Society (3.0 units)
- BIO 180: Biostatistics (4.0 units)
- BIO 204: Biochemistry, Cell Biology, Genetics & Molecular Biology (4.0 units)
- BIO 210: Human Anatomy (4.0 units)
- BIO 220: Human Physiology (4.0 units)
- CHEM 108: Preparatory Chemistry (3.0 units)
- CHEM 110: General Chemistry (5.0 units)
- CHEM 111: General Chemistry (5.0 units)

PROGRAM INFORMATION:

The Bioprocess Technology certificate provides a foundation in, and practical application of, the technologies employed by biotechnology companies engaged in the production of cell-derived products from small to large scales. The certificate encompasses the operation of specialized equipment and instrumentation as well as good manufacturing practices and record keeping skills.

SALARY INFORMATION:

\$16 to \$26 per hour.



MIRA COSTA COLLEGE

1 Barnard Drive

Oceanside, CA 92056

www.miracosta.edu

Dept. Chair: Himgauri Kulkarni

Phone: (760)757-2121 x6343

Email: hkulkarni@miracosta.edu

www.miracosta.edu/biotech

- **Wait list: None**
- **Number of students on wait list: 0**
- **Students accepted each year: 20**
- **Number of semesters/units: 2 semesters**
- **Number of faculty: 2 full-time**

BIOTECHNOLOGY LABORATORY ASSISTANT

PREREQUISITE SCIENCE COURSE(S):

None

REQUIRED SCIENCE COURSE(S):

- BIO 101: General Biology (3.0 units)
- BIO 105: Genes & Technology in Society (3.0 units)
- CHEM 108: Preparatory Chemistry (3.0 units)
- CHEM 110: General Chemistry (5.0 units)

PROGRAM INFORMATION:

This certificate is designed to meet the increasing need for trained and competent associates in laboratory environments. The required courses provide students with fundamental laboratory skills to start or enhance a career in the biosciences. Students completing this certificate can expect employment utilizing their technical skills in the performance of tests and routine tasks inherent to a wide range of laboratory environments. This certificate is intended for the development of general laboratory skills as well as professional growth for those already employed in the industry.

SALARY INFORMATION:

\$16 to \$26 per hour



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www.miracosta.edu/biotech

- **Wait list: None**
- **Number of students on wait list: 0**
- **Students accepted each year: 20**
- **Number of semesters/units: 2 semesters**
- **Number of faculty: 2 full-time**

BIOTECHNOLOGY RESEARCH & DEVELOPMENT

PREREQUISITE SCIENCE COURSE(S):

None

REQUIRED SCIENCE COURSE(S):

- BIO 101: General Biology (3.0 units)
- BIO 180: Biostatistics (4.0 units)
- BIO 220: Human Physiology (4.0 units)
- CHEM 108: Preparatory Chemistry (3.0 units)
- CHEM 110: General Chemistry (5.0 units)
- CHEM 111: General Chemistry (5.0 units)

PROGRAM INFORMATION:

Biotechnology is an expanding field devoted to improving human health through the research, development, testing, manufacturing, and marketing of products related to the biomedical and agricultural industries. This program gives students the theoretical background and the practical experience necessary to be effective laboratory technicians. It also prepares students for upper division course work in the biosciences. Graduates can expect to start careers in quality control, quality assurance, production, applied research, product development, analytical testing and academic (basic) research.

SALARY INFORMATION:

\$16 to \$26 per hour



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www.miracosta.edu/biotech

- **Wait list: None**
- **Number of students on wait list: 0**
- **Students accepted each year: 20**
- **Number of semesters/units: 3 semesters**
- **Number of faculty: 2 full-time**

CERTIFIED NURSING ASSISTANT

PREREQUISITE SCIENCE COURSE(S):

None

*Must submit a current American Heart Association CPR card.

PROGRAM INFORMATION:

The Certified Nursing Assistant (CNA) Program qualifies students for certification by the California Department of Health Services. This program is also a prerequisite for Mira Costa's Licensed Vocational Nursing Program.

SALARY INFORMATION:

\$11 to \$15 per hour



MIRA COSTA COLLEGE

1 Barnard Drive

Oceanside, CA 92056

www.miracosta.edu

Dept. Chair: Kathy Striebel

Phone: (760)795-6841

E-mail: kstriebel@miracosta.edu

- **Wait list: None**
- **Number of students on wait list: 0**
- **Students accepted each year: 175**
- **Number of semesters/units: 8 weeks**
- **Number of faculty: 1 full-time, 3 adjuncts**

HEALTH CARE FUNDAMENTALS

PREREQUISITE SCIENCE COURSE(S):

None

PROGRAM INFORMATION:

This certificate will introduce and provide an overview of fundamentals for most health occupations. Students who seek this certificate are those interested in pursuing a career in health care. Many of these courses are prerequisites for health careers at Mira Costa College. Students can explore areas such as pharmacology, medical terminology and basic anatomy and physiology.

SALARY INFORMATION:

\$8 to \$12 per hour



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Dept. Chair: Kathy Striebel

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E-mail: kstriebe@miracosta.edu

- **Wait list: None**
- **Number of students on wait list: 0**
- **Students accepted each year: 25**
- **Number of semesters/units: 16 weeks**
- **Number of faculty: 1 full-time, 5 adjuncts**

HOME HEALTH AIDE

PREREQUISITE SCIENCE COURSE(S):

Valid California CNA license

PROGRAM INFORMATION:

The Home Health Aide Program is an opportunity for CNAs to expand their employability. This course offers a certificate upon completion.

SALARY INFORMATION:

\$8 to \$12 per hour



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Dept. Chair: Kathy Striebel

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E-mail: kstriebel@miracosta.edu

- **Wait list: None**
- **Number of students on wait list: 0**
- **Students accepted each year: 25**
- **Number of semesters/units: 8 weeks**
- **Number of faculty: 2 adjuncts**

LICENSED VOCATIONAL NURSING

PREREQUISITE SCIENCE COURSE(S):

- PHAR 100: Basic Pharmacology (3.0 units)
- NURS 151: Body Systems Survey for Health Professions (3.0 units)
- NURS 160: Certified Nursing Assistant (6.5 units) OR current California CNA license

PROGRAM INFORMATION:

Mira Costa College's Licensed Vocational Nursing Program is accredited by the California Board of Vocational Nurse and Psychiatric Technicians. Upon satisfactory completion of the program, graduates are eligible to take the National Council of State Boards of Nursing Licensing Exam for Licensure as a licensed vocational nurse.

SALARY INFORMATION:

\$20 to \$27 per hour



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Dept. Chair: Kathy Striebel

Phone: (760)795-6841

E-mail: kstriebel@miracosta.edu

- **Wait list: 2 years**
- **Number of students on wait list: 60**
- **Students accepted each year: 48**
- **Number of semesters/units: 3 semesters**
- **Number of faculty: 7 full-time, 20 adjuncts**

MASSAGE THERAPY TECHNICIAN

PREREQUISITE SCIENCE COURSE(S):

None

REQUIRED SCIENCE COURSE(S):

- NURS 151: Body Systems Survey for Health Professions (3.0 units)
- BIO 190: Survey of Human Musculoskeletal System (1.0 unit)

PROGRAM INFORMATION:

The Massage Therapy Technician certificate program satisfies the local licensure requirements for Massage Therapy Technicians (288 hours). Based upon the medical model, the program requires comprehensive knowledge of medical terminology, anatomy, pathology, and physiology. It provides students with the necessary theoretical background and practical experience to work in the industry. Graduates of the program can expect employment in physician offices, spas, and the salon industry.

SALARY INFORMATION:

\$12 to \$25 per hour



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Dept. Chair: Kathy Striebel
Phone: (760)795-6841

E-mail: kstriebe@miraosta.edu

- **Wait list: None**
- **Number of students on wait list: 0**
- **Students accepted each year: 25**
- **Number of semesters/units: 12 units, or Certificate of Achievement 24 units**
- **Number of faculty: 2 full-time**

MEDICAL BILLING & CODING

PREREQUISITE SCIENCE COURSE(S):

None

PROGRAM INFORMATION:

The Medical Insurance and Coding Specialist certificate is designed to prepare students to perform specialized work related to insurance and coding in medical settings.

SALARY INFORMATION:

\$13 to \$23 per hour



MIRA COSTA COLLEGE

1 Barnard Drive
 Oceanside, CA 92056
www.miracosta.edu
 Business and Medical Office
 Technologies Department
 Dept. Chair: Kathy Striebel
 Phone: (760) 757-2121 x6385
 E-mail: kstriebel@miracosta.edu

- **Wait list: by individual course**
- **Number of students wait list: by individual course**
- **Students accepted each year: 40 per class**
- **Number of semesters/units: 2 semesters/12 units**
- **Number of faculty: 1 full-time, 4 adjuncts**

MEDICAL OFFICE PROFESSIONAL

PREREQUISITE SCIENCE COURSE(S):

None

PROGRAM INFORMATION:

The Medical Office Professional certificate is designed to prepare students to work in medical office settings. Students receive training in HIPAA compliance procedures, basic computer competencies, medical office procedures, medical terminology, basic anatomy, electronic health record input and maintenance, and billing and coding practices used in hospitals, medical offices and clinics.

SALARY INFORMATION:

\$11 to \$16 per hour



MIRA COSTA COLLEGE

1 Barnard Drive
 Oceanside, CA 92056
www.miracosta.edu
 Business and Medical Office
 Technologies Department
 Dept. Chair: Kathy Striebel
 Phone: (760) 757-2121 x6385
 E-mail: kstriebel@miracosta.edu

- **Wait list: by individual course**
- **Number of students wait list: by individual course**
- **Students accepted each year: 40**
- **Number of semesters/units: 4 semesters/24 units**
- **Number of faculty: 1 full-time, 5 adjuncts**

NURSING-LVN TO RN

PREREQUISITE SCIENCE COURSE(S):

- BIO 210: Human Anatomy (4.0 units)
- BIO 220: Human Physiology (4.0units)
- BIO 230: Fundamentals of Microbiology (5.0 units)

REQUIRED SCIENCE COURSE(S):

- PHR 201: Pharmacology Review and Update (1.5 units)
- HEAL 101L: Principles of Health Laboratory (1.0 units)

PROGRAM INFORMATION:

The LVN-RN Career Ladder Nursing Program prepares students to take the NCLEX licensing exam to become registered nurses. Registered Nurses are projected to create the second largest number of new jobs among all occupations.

SALARY INFORMATION:

\$34 to \$48 per hour



MIRA COSTA COLLEGE

1 Barnard Drive
 Oceanside, CA 92056
www.miracosta.edu
 Dept. Chair: Kathy Striebel
 Phone: (760)795-6841
 E-mail: kstriebel@miracosta.edu

- **Wait list: None**
- **Number of students wait list: 0**
- **Students accepted each year: 25**
- **Number of semesters/units: 2 semesters**
- **Number of faculty: 2 full-time, 5 adjuncts**

SURGICAL TECHNOLOGY

PREREQUISITE SCIENCE COURSE(S):

- NURS 151: Body Systems Survey for Health Professions (3.0 units)
- NURS 155: Basic Medical Terminology (3.0 units)
- PHAR 100: Basic Pharmacology (3.0 units)

PROGRAM INFORMATION:

The program prepares individuals to work primarily in the operating room and to sit for the National Certifying Exam given by the Liaison Council of Certification for Surgical Technology (LCC-ST).

SALARY INFORMATION:

\$19 to \$26 per hour



MIRA COSTA COLLEGE

1 Barnard Drive
Oceanside, CA 92056
www.miracosta.edu
Dept. Chair: Kathy Striebel
Phone: (760)795-6841
E-mail: kstriebel@miracosta.edu

- **Wait list: None**
- **Number of students wait list: 0**
- **Students accepted each year: 20**
- **Number of semesters/units: 3 semesters**
- **Number of faculty: 2 full-time, 1 adjunct**



PALOMAR
COLLEGE

PROGRAMS OFFERED:

- Dental Assisting
- Emergency Medical Technician Basic
- Emergency Medical Technician Paramedic
- Medical Office
- Medical Transcription
- Nursing - RN



PALOMAR COLLEGE

1140 West Mission Rd.
San Marcos, CA 92069
www.palomar.edu
Coordinator: Debi Workman
Phone: (760) 744-1150 x8153
dworkman@palomar.edu

DENTAL ASSISTING

PREREQUISITE SCIENCE COURSE(S):

None

REQUIRED SCIENCE COURSE(S):

- DA 57: Dental Sciences & Anatomy (4.0 units)

PROGRAM INFORMATION:

The Dental Assisting Program is accredited by the Dental Board of California (DBC), and is approved by the Dental Board of California Certification and Licensing. Upon successful program completion, student will be issued Certificates of Proficiency in Dental Radiography, Coronal Polishing, Pit and Fissure Sealants, Infection Control and California Practice Acts. Students who successfully complete the program are eligible to apply for the California Registered Dental Assistant Examination to become licensed as a California Registered Dental Assistant (RDA) and are eligible to apply for the nationally recognized Certified Dental Assistant Examination offered by the Dental Assisting National Board, Incorporated (DANB).

SALARY INFORMATION:

\$13 to \$18 per hour



PALOMAR COLLEGE

1140 West Mission Rd.

San Marcos, CA 92069

www.palomar.edu

Coordinator Health Program
Specialist – Dental Assisting

Phone: (760) 744-1150 x3631

Fax: (760) 761-3593

www.palomar.edu/dental

- **Wait list: 0 - 1 year**
- **Number of students wait list: 20**
- **Students accepted each year: 28 to 30**
- **Number of semesters/units: 2 semesters**
- **Number of faculty: 2 full-time, 3 adjuncts**

EMT BASIC

PREREQUISITE SCIENCE COURSE(S):

- Current AHA CPR for Health Care Providers and Emergency Response or equivalent card, and must be age 18 by the first day of class.

PROGRAM INFORMATION:

The Emergency Medical Technician Program prepares the student with the knowledge and skills necessary to take the National Registry Emergency Medical Technician examination and enter the workforce in the State of California.

SALARY INFORMATION:

\$12 to \$17 per hour



PALOMAR COLLEGE

1140 West Mission Rd.
 San Marcos, CA 92069
www.palomar.edu
 Coordinator Debi Workman
 Phone: (760) 744-1150 x8150
dworkman@plaomar.edu

- **Wait list: None**
- **Number of students wait list: 0**
- **Students accepted each year: 350**
- **Number of semesters/units: 1 semesters**
- **Number of faculty: 3 full-time, 25 adjuncts**

EMT PARAMEDIC

PREREQUISITE SCIENCE COURSE(S):

- One year's experience as an EMT-B
- ZOO 145: Introduction to Anatomy & Physiology (3.0 units)
- EME 175 and 175L: Paramedic Prep and lab (4.0 units)

PROGRAM INFORMATION:

The Paramedic Program prepares the student in all elements of pre-hospital advanced life support. Upon successful completion of the program, the student is eligible to take the State of California EMT P certification exam, which is the National Registry Emergency Medical Technician-Paramedic Exam.

SALARY INFORMATION:

\$15 to \$20 per hour

**PALOMAR COLLEGE**

1140 West Mission Rd.
 San Marcos, CA 92069
www.palomar.edu
 Coordinator Debi Workman
 Phone: (760) 744-1150 x8150
dworkman@plaomar.edu

- **Wait list: None**
- **Number of students wait list: 0**
- **Students accepted each year: 60**
- **Number of semesters/units: 2 semesters**
- **Number of faculty: 3 full-time, 25 adjuncts**

MEDICAL OFFICE

PREREQUISITE SCIENCE COURSE(S):

None

REQUIRED SCIENCE COURSE(S):

OIS 80 Medical Terminology & Anatomy (4.0 units)

PROGRAM INFORMATION:

Medical Office Management track focuses on accounting, legal environment, human resource management, labor relations and management/leadership skills.

Medical Office Specialist track focuses on keyboarding, information systems, medical terminology/anatomy, insurance billing/coding, writing techniques, electronic health records, office administration and Microsoft Word.

SALARY INFORMATION:

\$11 to \$16 per hour



PALOMAR COLLEGE

1140 West Mission Rd.
San Marcos, CA 92069
www.palomar.edu
Dept. Asst. Jenny Al-Shafie
Phone: (760) 744-1150 x2488
jalshafie@plaomar.edu

- **Wait list: None**
- **Number of students wait list: 0**
- **Students accepted each year:**
- **Number of semesters/units: 24 units**
- **Number of faculty:**

MEDICAL TRANSCRIPTION

PREREQUISITE SCIENCE COURSE(S):

None

REQUIRED SCIENCE COURSE(S):

- OIS 80 Medical Terminology & Anatomy (4.0 units)

PROGRAM INFORMATION:

Medical Language Specialist prepares students for entry-level employment as a medical transcriptionist by providing the basic knowledge, understanding and skills required to transcribe healthcare dictation and prepare patient care documents with accuracy, clarity, consistency and timeliness, applying the principles of professional and ethical conduct.

SALARY INFORMATION:

\$15 to \$22 per hour



PALOMAR COLLEGE

1140 West Mission Rd.
 San Marcos, CA 92069
www.palomar.edu
 Dept. Assit. Jenny Al-Shafie
 Phone: (760) 744-1150 x2488
jalshafie@plaomar.edu

- **Wait list: None**
- **Number of students wait list: 0**
- **Students accepted each year:**
- **Number of semesters/units: 24 units**
- **Number of faculty:**

NURSING – RN

PREREQUISITE SCIENCE COURSE(S):

- BIO 102: Molecules of Cells (3.0 units)
- ZOO 200: Anatomy (4.0 units)
- ZOO 203: Physiology (4.0 units)
- MICR 200: Fundamentals of Microbiology (4.0 units)

PROGRAM INFORMATION:

Palomar College's Registered Nursing (RN) program is accredited by the California Board of Registered Nursing and the National League for Nursing Accrediting Commission (NLNAC).

SALARY INFORMATION:

\$28 to \$44 per hour



PALOMAR COLLEGE

1140 West Mission Rd.
 San Marcos, CA 92069
www.palomar.edu
 Program Specialist Barbara
 Richards
 Phone: (760) 744-1150 x2279
 Fax: (760) 761-3581
brichards@palomar.edu

- **Wait list:**
- **Number of students wait list:**
- **Students accepted each year: 72**
- **Number of semesters/units: 4 semesters**
- **Number of faculty: 12 full-time, 10 adjuncts**



SAN DIEGO CITY COLLEGE

PROGRAMS OFFERED:

- Biotechnology
- LVN to RN Step-up
- Nursing - RN



SAN DIEGO CITY COLLEGE

1313 Park Blvd...
San Diego, CA 92101
www.sdcity.edu

BIOTECHNOLOGY

PREREQUISITE SCIENCE COURSE(S):

None

REQUIRED SCIENCE COURSE(S):

- Biology 205 and Chemistry 201 and 201L with a grade of "C" or better, or equivalent

OR

- Biology 109, with a grade of "C" or better, or equivalent

PROGRAM INFORMATION:

Biotechnology is an expanding field devoted to improving human health through the research, development, testing, manufacturing, and marketing of products related to the biomedical and agricultural industries. This program is designed to give students the theoretical background and the practical experience necessary to be effective laboratory technicians. It also prepares students for upper division course work in the biosciences. Graduates can expect to start careers in quality control, quality assurance, production, applied research, product development, analytical testing and academic (basic) research.

SALARY INFORMATION:

\$16 to \$26 per hour



SAN DIEGO CITY COLLEGE

1313 Park Blvd...
San Diego, CA 92101
www.sdcc.edu

Director: Roya Lahijani, Ph.D
Phone: (619)388-3289
Email: rlahijan@sdccd.edu

- **Wait list: None**
- **Number of students wait list: 0**
- **Students accepted each year: Varies**
- **Number of semesters/units: 2 semesters (and general ed. completion for A.S. Degree)**
- **Number of faculty: 8 full-time, 20 adjuncts**

LVN TO RN

PREREQUISITE SCIENCE COURSE(S):

- Biology 230 - Human Anatomy - 4.0 Units
- Biology 235 - Human Physiology - 4.0 Units
- Biology 205 – Microbiology – 5 Units

PROGRAM INFORMATION:

Associate in Science Degree: Nursing Education

Licensed Vocational Nurse to Registered Nurse (Advanced Placement).

SALARY RANGE:

\$ to \$ per hour



SAN DIEGO CITY COLLEGE

1313 Park Blvd..

San Diego, CA 92101

www.sdcity.edu

Associate Director: Debbie Berg,
MSN, RN

Phone: (619)388-3839

Email: dberg@sdccd.edu

- **Wait list:**
- **Number of students wait list:**
- **Students accepted each year:**
- **Number of semesters/units:**
- **Number of faculty:**

NURSING – RN

PREREQUISITE SCIENCE COURSE(S):

BIO 205: Microbiology (5.0 units)

BIO 230: Human Anatomy & Physiology (4.0 units)

BIO 235: Human Physiology (4.0 units)

May require the completion of Biology 107 (4.0 units) and/or Chemistry 100 and 100L (4.0 units)

PROGRAM INFORMATION:

The nursing curriculum prepares individuals to assume the responsibility for providing health care to clients with acute and chronic illnesses. Nursing theory is coordinated with laboratory experiences in local hospitals and health care agencies under the supervision of nursing faculty. The nursing program prepares the graduate for employment as an entry level staff Registered Nurse in a variety of health care settings, including acute care hospitals, long term care facilities, home health care agencies, outpatient clinics and doctor's offices.

SALARY RANGE:

\$34 to \$48 per hour

**SAN DIEGO CITY COLLEGE**

1313 Park Blvd..

San Diego, CA 92101

www.sdcity.edu

Associate Director: Debbie Berg,
MSN, RN

Phone: (619)388-3441

- **Wait list: 2 years**
- **Number of students wait list: 650**
- **Students accepted each year: 60**
- **Number of semesters/units: 4**
- **Number of faculty: 10 full-time, 5 adjuncts**



SAN DIEGO MESA COLLEGE

PROGRAMS OFFERED:

- Dental Assisting
- Dietetic Services Supervisor
- Health Information Technology
- Medical Assisting
- Phlebotomy Tech – on hold until 2013
- Physical Therapist Assistant
- Radiologic Technology



SAN DIEGO MESA COLLEGE

7250 Mesa College Dr...
San Diego, CA 92111
www.sdmesa.edu

DENTAL ASSISTING

PREREQUISITE SCIENCE COURSE(S):

None

PROGRAM INFORMATION:

Mesa College has the largest Dental Assisting clinic in San Diego County and the highest pass rate for the state exam, in the south county of San Diego. Students work with state-of-the-art dental materials and equipment in preparation for employment in the profession.

The Dental Assisting Program at Mesa College is accredited by the Dental Board of California and the Commission on Dental Accreditation of the American Dental Association. Students graduating from the program will receive certification in x-ray, Coronal Polish, California Dental Practice Act, Infection Control, CPR and Pit N Fissure Sealants. Dental Assisting students are prepared to sit for the California Registered Dental Assistant State Board Examination as well as the Certified Dental Assistant National Examination.

SALARY INFORMATION:

\$13 to \$17 per hour



SAN DIEGO MESA COLLEGE

7250 Mesa College Dr...
San Diego, CA 92111
www.sdmesa.edu

Program Director: Margaret Fickess
RDA, CDA, MEd
Phone: (619)388-2697
E-mail: mfickess@sdccd.edu

- **Wait list: None**
- **Number of students wait list: 0**
- **Students accepted each year: Up to 32**
- **Number of semesters/units: 1 summer session and 2 semesters (Fall and Spring)**
- **Number of faculty: 1 full-time, 4 adjuncts**

DIETETIC SERVICES SUPERVISOR

PREREQUISITE SCIENCE COURSE(S):

None

PROGRAM INFORMATION:

This curriculum is approved and certified by the California State Department of Public Health and prepares the student to function as a qualified dietetic service supervisor/manager in health care facilities.

SALARY INFORMATION:

\$17 to \$25 per hour



SAN DIEGO MESA COLLEGE

7250 Mesa College Dr.

San Diego, CA 92111

www.sdmesa.edu

Program Director: Elizabeth Chu,
M.S., R.D.

Phone: (619) 388-2209

Email: echu@sdccd.edu

- **Wait list: None**
- **Number of students wait list: 0**
- **Students accepted each year: Up to 30**
- **Number of semesters/units: 2 semesters + one summer**
- **Number of faculty: 1 full-time, 3 adjuncts**

HEALTH INFORMATION TECHNOLOGY

PREREQUISITE SCIENCE COURSE(S):

None

REQUIRED SCIENCE COURSES:

- MEDA 105: Human Anatomy & Physiology (3.0 units)
- MEDA 115: Pathophysiology (3.0 units)
- Recommended course(s):
- MEDA 110: Medical Terminology (3.0 units)

PROGRAM INFORMATION:

The program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), in cooperation with the American Health Information Management Association's Council on Accreditation. Graduates of the program are eligible to write the national accreditation examination of the American Health Information Management Association, and upon passing this exam become designated as an RHIT (Registered Health Information Technician).

SALARY INFORMATION:

\$19 to \$31 per hour

**SAN DIEGO MESA COLLEGE**

7250 Mesa College Dr...
 San Diego, CA 92111
www.sdmesa.edu

Program Director: Teddy Scribner

Phone: (619)388-2606

Email: tscribne@sdccd.edu

- **Wait list: None**
- **Number of students wait list: 0**
- **Students accepted each year: Up to 30**
- **Number of semesters/units: 4 semesters**
- **Number of faculty: 1 full-time, 2 adjuncts**

MEDICAL ASSISTING

PREREQUISITE SCIENCE COURSE(S):

- MEDA 055: Human Anatomy and Physiology (3.0 units)
- MEDA 110: Medical Terminology (3.0 units)

REQUIRED SCIENCE COURSES:

- MEDA 115: Pathophysiology (3.0 units)

PROGRAM INFORMATION:

All students who successfully complete the Medical Assisting program will be awarded a Certificate of Achievement and are eligible to attempt National and/or California certification exams. Students, who have been awarded a Certificate of Achievement in Medical Assisting, may continue and complete the additional courses needed for Associate Degree in Medical Assisting.

SALARY INFORMATION:

\$12 to \$17 per hour



SAN DIEGO MESA COLLEGE

7250 Mesa College Dr.
 San Diego, CA 92111
www.sdmesa.edu
 Director: Danielle Lauria,
 BS, PA-C
 Phone (619)388-2267
 Email: dlaurai@sdccd.edu

- **Wait list: None**
- **Number of students wait list: 0**
- **Students accepted each year: Up to 30**
- **Number of semesters/units: 2 semesters**
- **Number of faculty: 2 full-time, 2 adjuncts**

PHLEBOTOMY TECH – ON HOLD UNTIL 2013**PREREQUISITE SCIENCE COURSE(S):**

None

PROGRAM INFORMATION:

This program includes basic didactic, advanced didactic and practical phlebotomy training, including a minimum of 50 to 100 patient venipunctures, 25 capillary punctures and two arterial puncture observations.

Students completing the Phlebotomy Training Program must complete a minimum of 50 to 100 successful venipunctures, 25 successful capillary punctures and observe 2 arterial punctures in order to be awarded a Certificate of Performance in Phlebotomy, sit for the American Medical Technologist exam for Registered Phlebotomy Technician (RPT) and to apply for California state licensure as a Certified Phlebotomy Technician 1 (CPT1).

SALARY INFORMATION:

\$12 to \$17 per hour

**SAN DIEGO MESA COLLEGE**

7250 Mesa College Dr...
 San Diego, CA 92111
www.sdmesa.edu

Program Director: Laura Crandall

Phone: (619)388-2229

Email: lcrandal@sdccd.edu

- **Wait list: None**
- **Number of students wait list: 0**
- **Students accepted each year: Up to 30**
- **Number of semesters/units: 9.5 units**
- **Number of faculty: 2 adjuncts**

PHYSICAL THERAPIST ASSISTANT

PREREQUISITE SCIENCE COURSES:

BIO 160: Human Anatomy & Physiology (4.0 units)

OR

BIO 230: Human Anatomy (4.0 units) & BIO 235: Human Physiology (4.0 units)

PROGRAM INFORMATION:

This program prepares the student for employment as a PTA. The PTA, working under the supervision of a licensed physical therapist, assists in the provision of physical therapy services such as electrotherapy, hydrotherapy, thermotherapy, massage, therapeutic exercise, and rehabilitation activities.

The program is accredited by the Commission on Accreditation in Physical Therapy Education of the American Physical Therapy Association (1111 North Fairfax, Alexandria, VA., 1-800-999-APTA) and approved by the Physical Therapy Board of California. Graduates are eligible to take the examination for licensure as a physical therapist assistant.

SALARY INFORMATION:

\$23 to \$32 per hour



SAN DIEGO MESA COLLEGE

7250 Mesa College Dr...

San Diego, CA 92111

www.sdmesa.edu

Director: Tina L Recalde, DPT,
MS, ATC, CSCS

Phone: (619)388-2229

Email: trecalde@sdccd.edu

- **Wait list: None**
- **Number of students wait list: 0**
- **Students accepted each year: Up to 30**
- **Number of semesters/units: 4 semesters**
- **Number of faculty: 2 full time, 3 adjuncts**

RADIOLOGIC TECHNOLOGY

PREREQUISITE SCIENCE COURSES:

- BIO 160: Human Anatomy & Physiology (4.0 units)
- CISC 150 or 181 – Computer Information Systems (3.0 units)
- MATH 96 – Intermediate Algebra (3.0 units)
- ENG 101 – Reading and Composition (3.0 units)
- PHYS 100 – Introductory Physics (3.0 units)
- Prospective students are strongly encouraged to contact the program for more specific information.

PROGRAM INFORMATION:

Radiology students complete a full-time (24 month) program of professional education that combines in depth academic study on campus with practical experience in the program's hospital clinical affiliates. Training includes operation of X-ray equipment, exposing and processing images, radiation protection, positioning patients, ethics, patient care and optional exposure to special imaging **MODALITIES**.

Graduates are eligible for national registration by the American Registry of Radiologic Technologists (ARRT) and state licensure to work as a diagnostic radiologic technologist in California. The program is accredited by the Joint Review Committee on Education in Radiologic Technology. (JRCERT).

SALARY INFORMATION:

\$26 - \$37 per hour



SAN DIEGO MESA COLLEGE

7250 Mesa College Dr...

San Diego, CA 92111

www.sdmesa.edu

Director: Lori Covington

Phone: (619)388-2986

E-mail: lcovington@sdccd.edu

- **Wait list: None**
- **Number of students wait list: 0**
- **Students accepted each year: Up to 35-40**
- **Number of semesters/units: 4 semesters**
- **Number of faculty: 2 full-time, 4 adjuncts**

SAN DIEGO MIRAMAR COLLEGE

PROGRAMS OFFERED:

- Biotechnology
- Emergency Medical Technician Basic
- Medical Laboratory Technology



SAN DIEGO MIRAMAR COLLEGE

10440 Black Mountain Rd....
San Diego, CA 92126
www.sdmiramar.edu

BIOTECHNOLOGY

RECOMMENDED PREREQUISITE SCIENCE COURSE(S):

- BIO 131: Introduction to Biotechnology (4.0 units)

REQUIRED SCIENCE COURSE(S):

- Molecular Biology Track:
 - BIO 132: Applied Biotechnology I (4.0 units)
 - BIO 133: Applied Biotechnology II (4.0 units)
- Analytical Chemistry Track:
 - BIO 132: Applied Biotech I (4 units)
 - CHEM 251: Analytical Chemistry (4 units)

ADDITIONAL RECOMMENDED SCIENCE COURSE(S):

- CHEM 100 & 100L: Fundamentals of Chemistry (4.0 units) OR
- CHEM 152 & 152L: Introduction to General Chemistry (4.0 units)

PROGRAM INFORMATION:

Program teaches with 'state-of-the-art' tools and techniques. Free counseling is available. Contact information is listed below.

SALARY INFORMATION:

\$16 to \$26 per hour



SAN DIEGO MIRAMAR COLLEGE

10440 Black Mountain Rd....
San Diego, CA 92126
www.sdmiramar.edu

Coordinator: Sandra Slivka, PhD
Phone: (619)388-7490
E-mail: sslivka@sdccd.edu

- **Wait list: None**
- **Number of students wait list: 0**
- **Students accepted each year: 24**
- **Number of semesters/units: 2 semesters**
- **Number of faculty: 3 full-time**

EMT BASIC

PREREQUISITE SCIENCE COURSE(S):

None

PROGRAM INFORMATION:

This course covers the techniques of emergency medical care and transportation of the sick and injured within the responsibilities of the Emergency Medical Technician. The course content is based upon the State of California Emergency Medical Services Authority requirements referenced in Title 22, Division 9, Chapter 2, Article L of the California Administrative Code. Course approval is with the San Diego County Emergency Medical Services. Upon successful completion, the student will be eligible to take the San Diego County Emergency Medical Services Certification Examination for Emergency Medical Technician-1. (FT)

SALARY INFORMATION:

\$12 to \$20 per hour



SAN DIEGO MIRAMAR COLLEGE

10440 Black Mountain Rd....

San Diego, CA 92126

www.sdmiramar.edu

Coordinator: Sandra Slivka, PhD

Phone: (619)388-7490

E-mail: sslivka@sdccd.edu

- **Wait list: None**
- **Number of students wait list: 0**
- **Students accepted each year: 560**
- **Number of semesters/units: 120-136 hours**
- **Number of faculty: 2 full-time, 8 adjuncts**

MEDICAL LABORATORY TECHNOLOGY

PREREQUISITE SCIENCE COURSE(S):

- BIO 107: General Biology (4.0 units) OR BIO 131: Intro to Biotechnology (4.0 units)
- BIO 160: Elements of Anatomy & Physiology (4.0 units) OR
- BIO 230: Human Anatomy (4.0 units) AND BIO 235: Human Physiology (4.0 units)
- CHEM 100/L: Fundamentals of Chemistry with lab (4.0 units) OR
- CHEM 152/L: Intro to General Chemistry with lab (4.0 units)
- CHEM 130/L: Intro to Organic & Biological Chemistry with lab (4.0 units)

PROGRAM INFORMATION:

The MLT program at San Diego Miramar College is designed to produce trained individuals to enter the medical laboratory workforce as a Medical Laboratory Technician. As such, the program's primary learning outcome is to graduate competent, workplace-ready members of the health care team. The MLT program is also designed to educate and prepare students to take a national exam which, when passed, will allow for immediate entry into a technician-level position in a clinical lab environment as a Medical Laboratory Technician.

SALARY INFORMATION:

\$24 to \$27 per hour



SAN DIEGO MIRAMAR COLLEGE

10440 Black Mountain Rd...
San Diego, CA 92126
www.sdmiramar.edu

Coordinator: Sandra Slivka, PhD
Phone: (619)388-7490
E-mail: sslivka@sdccd.edu

- **Wait list: None**
- **Number of students wait list: 0**
- **Students accepted each year: 100**
- **Number of semesters/units:**
- **Number of faculty: 1 full-time, 2 adjuncts**

SOUTHWESTERN COLLEGE

PROGRAMS OFFERED:

- Biotechnology
- Central Service Technology
- Certified Nursing Assistant
- Dental Hygiene
- Emergency Medical Technician Basic
- Emergency Medical Technician Paramedic
- Licensed Vocational Nurse Program
- Medical Assisting Administrative
- Medical Assisting Clinical
- Medical Billing & Coding
- Medical Laboratory Technology
- Medical Office
- Nursing RN
- Nursing - LVN to RN Program
- Operating Room Nurse for RN's (ORN)
- Pharmaceutical and Lab Science
- Surgical Technology (ST)



SOUTHWESTERN COLLEGE

900 Otay Lakes Rd.
Chula Vista, CA 92126
www.swccd.edu

BIOTECHNOLOGY

PREREQUISITE SCIENCE COURSE(S):

- MATH 70

REQUIRED SCIENCE COURSE(S):

- BIOL 100 & 101: Principles of Biology (4.0 units)
- CHEM 170: Prep General Chemistry (4.0 units)
- BIOL 211: Cell Biology (4.0 units)
- BIOL 205 & 206: DNA Science I & II (4.0 units)
- BIOL 229 & 230: Intro. to Research I & II (6.0 units)
- BIOL 265: General Microbiology (5.0 units)

PROGRAM INFORMATION:

Biotechnology is a rapidly expanding field of biology that has significant future potential for both improving life and providing a growing source of technical jobs. Biotechnology is the science of using and modifying biological materials in order to develop products and organisms for specific uses. The biotechnology laboratory technician works in a research or industrial laboratory.

SALARY INFORMATION:

\$16 to \$26 per hour

**SOUTHWESTERN COLLEGE**

900 Otay Lakes Rd.
Chula Vista, CA 92110
www.swccd.edu
Director: Nouna Bakhiet, Ph.D.
Phone (619) 421-6700 ext. 5476
Email: nbakhiet@swccd.edu

- **Wait list: None**
- **Number of students wait list: 0**
- **Students accepted each year: 25**
- **Number of semesters/units: 3 semesters**
- **Number of faculty: 3 full-time**

CENTRAL SERVICE TECHNOLOGY

PREREQUISITES:

None

PROGRAM INFORMATION:

The Central Services Technology program trains entry level workers in proper sterilization of surgical instruments and handling of medical equipment. Upon satisfactory completion of the program, the student is eligible for a Southwestern College Certificate of Achievement and to take the international certification exam (IAHCSMM).

SALARY INFORMATION:

\$12 - \$18 per hour



SOUTHWESTERN COLLEGE

900 Otay Lakes Rd.
Chula Vista, CA 92110
www.swccd.edu
Director: Cathy McJannet
Phone: (619)216-6762
Fax: (619)216-6603
Email: cmcjannet@swccd.edu

- **Wait list: None**
- **Number of students wait list:**
- **Students accepted each year: 20**
- **Number of semesters/units: 1 ½ semesters; 11.5 units**
- **Number of faculty: 2 adjuncts**

CERTIFIED NURSING ASSISTANT

PREREQUISITE SCIENCE COURSE(S):

None; however, prior application is required.

PROGRAM INFORMATION:

This program is designed for students interested in a career in nursing. Completion of the program is required for entrance into the Associate Degree Nursing and the Vocational Nursing programs, and confers eligibility to take the State certification exam. CNAs are employed by hospitals, skilled nursing facilities and other health care agencies. The course content includes fundamental procedures to meet basic needs of patients, gathering data about the patients, communicating appropriately and other content required by State regulations for nurse assistant certification. The lab portion of the course includes skills required for nurse assistant certification such as fundamental procedures to meet basic human needs, gathering data about the patient and communicating appropriately. Information about the health care system and how it functions is also included.

SALARY INFORMATION:

\$11 to \$15 per hour



SOUTHWESTERN COLLEGE

900 Otay Lakes Rd...

Chula Vista, CA 92110

www.swccd.edu

Director: Cathy McJannet

Phone: (619)216-6762

Fax: (619)216-6603

Email: cmcjannet@swccd.edu

- **Wait list: 3 months**
- **Number of students wait list: 250**
- **Students accepted each year: 140 - 160**
- **Number of semesters/units: 8.5**
- **Number of faculty: 1 full-time, 4 adjuncts**

DENTAL HYGIENE

PREREQUISITE SCIENCE COURSE(S):

- BIOL 260: Human Anatomy (5.0 units)
- BIOL 261: Principles of Human Physiology (4.0 units)
- BIOL 265: General Microbiology (5.0 units)
- CHEM 100: Introduction to General Chemistry (4.0 units)
- CHEM 110: Elementary Organic & Biological Chemistry (4.0 units)
- HLTH 204: Fundamentals of Nutrition (3.0 units)

PROGRAM INFORMATION:

A dental hygienist is a licensed, preventive oral health professional who provides educational, clinical, and therapeutic services to the public in a variety of settings. As the preventive specialist of the dental healthcare team, the hygienist promotes and maintains oral wellness through such services as oral health assessments, x-rays, dental health education, removal of deposits and stains from teeth, and application of sealants and fluorides.

The program prepares students for a career in dental hygiene through the study of humanities, social and natural sciences, and the field of dental hygiene. Emphasis is on clinical practice in the context of dental care. Graduates are eligible to apply to take both state and national examinations for licensure.

SALARY INFORMATION:

Registered Hygienist \$44 to \$56 per hour



SOUTHWESTERN COLLEGE

Higher Education Center
880 National City Blvd.
National City, CA 91950
www.swccd.edu

Director: Vickie Kimbrough-Walls

Phone: (619) 216-6665

Email: vkimbrough@swccd.edu

- **Wait list:**
- **Number of students wait list: 150**
- **Students accepted each year: 36**
- **Number of semesters/units: 5 semesters**
- **Number of faculty: 3 full-time, 15 adjuncts**

EMT BASIC

PREREQUISITE SCIENCE COURSE(S):

- EMT 101 & EMT 109 (Emergency Medical Responder Course or the equivalent) with a “C” or better.

PROGRAM INFORMATION:

The EMT basic program covers anatomy and physiology, initial patient survey and triage, airway management, oxygen therapy, treatment of bleeding and shock, cardiac arrest, fractures, spinal injuries and other medical emergencies. Additional areas of study include automated external defibrillation and general pharmacology.

This course is designed for anyone interested in working in public safety, including fire, police and ambulance operations. Students who complete this program are eligible to take the National Registry Examination

More information is available online at <http://www.swccd.edu/4thLevel/index.asp?L3=816>

SALARY INFORMATION:

\$12 to \$20 per hour

**SOUTHWESTERN COLLEGE**

Higher Education Center
Otay Mesa

8100 Gigantic St.
San Diego CA 92154
www.swccd.edu

Coordinator: Karen Cook
Phone: (619)216-6760
Email: kcook@swccd.edu

- **Wait list: None**
- **Number of students wait list: 0**
- **Students accepted each year: 120**
- **Number of semesters/units: 2 semesters**
- **Number of faculty: 1 full-time, 6 adjuncts**

EMT PARAMEDIC

PREREQUISITE SCIENCE COURSE(S):

- CA EMT license and equivalent of one year of work experience
- BIOL 190: Human Anatomy & Physiology (4.0 units)
- MEDOP 230: Medical Terminology (3.0 units)

PROGRAM INFORMATION:

Emergency Medical Technology and Paramedic is the study of emergency medical care and the evaluation and treatment of injuries. These programs focus on both technical and practical knowledge while providing requisite skills to evaluate and treat a wide variety of medical and trauma emergencies in the pre-hospital setting. Students learn to administer medication, start intravenous lines, interpret EKG rhythm strips, and defibrillate patients in cardiac arrest, as well as to administer many other advanced life support procedures.

More information is available online at <http://www.swccd.edu/4thLevel/index.asp?L3=441>

SALARY INFORMATION:

\$15 to \$20 per hour



SOUTHWESTERN COLLEGE

Higher Education Center at
Otay Mesa
8100 Gigantic St.
San Diego CA 92154
www.swccd.edu
Coordinator: Karen Cook
Phone: (619)216-6760
Email: kcook@swccd.edu

- **Wait list: None**
- **Number of students wait list: 0**
- **Students accepted each year: 48**
- **Number of semesters/units: 3 semesters**
- **Number of faculty: 2 full-time, 6 adjuncts**

LICENSED VOCATIONAL NURSE

PREREQUISITE SCIENCE COURSE(S):

- CNA Required
- BIOL 190: Human Anatomy & Physiology (4.0 units)
- CD 170: Child Development (3.0 units)
- HLTH 204: Nutrition (3.0 units)
- Math 45: Elementary Algebra
- Rdg. 56: College-level reading
- High School graduation or equivalent
- TEAS Test: score of 55 or higher on Version V

PROGRAM INFORMATION:

Prepares students for direct patient care in situations where he/she is under the supervision of physicians and/or registered nurses. A major portion of the educational experience takes place in a variety of healthcare settings.

SALARY INFORMATION:

\$20 to \$27 per hour



SOUTHWESTERN COLLEGE

900 Otay Lakes Rd.
Chula Vista, CA 92110
www.swccd.edu

Director: Cathy McJannet

Phone: (619)216-6762

Fax: (619)216-6603

Email: cmcjannet@swccd.edu

- **Wait list: 18 months**
- **Number of students wait list: 79**
- **Students accepted every 18 months: 30 - 35**
- **Number of semesters/units: 3 semesters**
- **Number of faculty: 2 full-time, 1 adjuncts**

MEDICAL ASSISTING - ADMINISTRATIVE

PREREQUISITE SCIENCE COURSE(S):

None

PROGRAM INFORMATION:

The medical assisting programs prepare students for careers as administrative medical assistants. Administrative medical assistants update and file patients' medical records, fill out insurance forms, and arrange for hospital admissions and laboratory services. They also perform tasks less specific to medical settings, such as answering telephones, greeting patients, handling correspondence, scheduling appointments, and handling billing and bookkeeping.

Southwestern College offers basic and intermediate certificates and an Associate Degree for Medical Assisting.

Employment is projected to grow much faster than average, ranking medical assistants among the fastest growing occupations over the 2008–18 decade. Job opportunities should be excellent, particularly for those with formal training or experience, and certification.

SALARY INFORMATION:

The earnings of medical assistants vary, depending on their experience, skill level, and location. Median annual wages of wage-and-salary medical assistants were \$28,300 in May 2008. The middle 50 percent earned between \$23,700 and \$33,050.



SOUTHWESTERN COLLEGE

Higher Education Center
880 National City Blvd.
National City, CA 91950
www.swccd.edu
Dean: Christine Perri
Phone: (619)216-6668
Email: cperri@swccd.edu

- **Wait list: None**
- **Number of students wait list: 0**
- **Students accepted every 18 months: 30 - 60**
- **Number of semesters/units: 1 to 4 semesters**
- **Number of faculty: 1 full-time, 7 adjuncts**

MEDICAL ASSISTING - CLINICAL

PREREQUISITE SCIENCE COURSE(S):

None

PROGRAM INFORMATION:

The medical assisting programs prepare students for careers as clinical medical assistants. Clinical medical assistants have various duties, depending on State law. Some common tasks include taking medical histories and recording vital signs, explaining treatment procedures to patients, preparing patients for examinations, and assisting physicians during examinations. Medical assistants collect and prepare laboratory specimens and sometimes perform basic laboratory tests, dispose of contaminated supplies, and sterilize medical instruments. As directed by a physician, clinical medical assistants might instruct patients about medications and special diets, prepare and administer medications, authorize drug refills, telephone prescriptions to a pharmacy, draw blood, prepare patients for x rays, take electrocardiograms, remove sutures, and change dressings. Medical assistants also may arrange examining room instruments and equipment, purchase and maintain supplies and equipment, and keep waiting and examining rooms neat and clean.

Southwestern College offers basic and intermediate certificates and an Associate Degree for Medical Assisting.

Employment is projected to grow much faster than average, ranking medical assistants among the fastest growing occupations over the 2008–18 decade. Job opportunities should be excellent, particularly for those with formal training or experience, and certification.

SALARY INFORMATION:

The earnings of medical assistants vary, depending on their experience, skill level, and location. Median annual wages of wage-and-salary medical assistants were \$28,300 in May 2008. The middle 50 percent earned between \$23,700 and \$33,050.



SOUTHWESTERN COLLEGE

Higher Education Center
880 National City Blvd.
National City, CA 91950
www.swccd.edu
Dean: Christine Perri
Phone: (619)216-6668
Email: cperri@swccd.edu

- **Wait list: None**
- **Number of students wait list: 0**
- **Students accepted each year: 30 - 60**
- **Number of semesters/units: 1 to 4 semesters**
- **Number of faculty: 1 full-time, 7 adjuncts**

MEDICAL BILLING & CODING

PREREQUISITE SCIENCE COURSE(S):

None

PROGRAM INFORMATION:

Prepares students for entry-level positions in healthcare settings where they will be responsible for validating medical codes using International Classification of Diseases (ICD-9) and Current Procedural Terminology (CPT) manuals to facilitate reimbursement. The basic-level prepares students to sit for the National Certified Coding Associate (CCA) examination.

According to the Bureau of Labor Statistics, by the year 2016 the health care industry will generate more new jobs than any other industry.

SALARY INFORMATION:

\$13 to \$23 per hour



SOUTHWESTERN COLLEGE

Higher Education Center
880 National City Blvd.
National City, CA 91950
www.swccd.edu
Dean: Christine Perri
Phone: (619)216-6668
Email: cperri@swccd.edu

- **Wait list: None**
- **Number of students wait list: 0**
- **Students accepted each year: 30 - 60**
- **Number of semesters/units: 2 semesters (Basic), 3 semesters (Intermediate)**
- **Number of faculty: 1 full-time, 7 adjuncts**

MEDICAL LABORATORY TECHNOLOGY

PREREQUISITE SCIENCE COURSE(S):

- BIOL 260: Human Anatomy (5.0 units)
- CHEM 100: Introduction to General Chemistry (4.0 units)
- CHEM 110: Elementary Organic and Biological Chemistry (4.0 units)
- BIOL 261: Principles of Human Physiology (4.0 units)
- BIOL 265: General Microbiology (5.0 units)

PROGRAM INFORMATION:

A medical laboratory technician performs routine clinical laboratory testing procedures to provide scientific information needed in diagnosis, prognosis, and treatment of disease. Technicians use sophisticated instrumentation for these evaluations which encompass quantitative and qualitative chemical and biological analyses of body specimens.

SALARY INFORMATION:

\$24 - \$27 per hour



SOUTHWESTERN COLLEGE

880 National City Blvd.
National City, CA 91950
www.swccd.edu
Program Director:
Luis Nunez Jr., M.A.
Phone: (619)216-6665 x4896
Email: lnunez@swccd.edu

- **Wait list: None**
- **Number of students wait list: 0**
- **Students accepted each year: 30**
- **Number of semesters/units: 42 units**
- **Number of faculty: 0 full-time, 6 adjuncts**

MEDICAL OFFICE

PREREQUISITE SCIENCE COURSE(S):

None

PROGRAM INFORMATION:

This program prepares students to work in a medical office setting. It covers instruction in administrative duties and regulations, medical record management, communication skills, office finances, and insurance and coding procedures. This program is also offered with a bilingual emphasis. It trains students to utilize their bilingual backgrounds for entry-level positions in the medical office field. The bilingual program covers additional instruction in, interpretation and translation (English/Spanish), bilingual telephone techniques, and an emphasis on bilingual medical terminology.

Capacita a los estudiantes para poner en práctica las aptitudes bilingües en empleos a nivel básico en el campo de consultorios médicos. El programa incluye instrucción en procedimientos de consultorios médicos, traducción e interpretación (español/inglés), técnicas telefónicas bilingües, procesador de palabras (word processing), procedimientos sobre seguros médicos y cobros, y técnicas de resucitación (CPR). Énfasis en la terminología médica bilingüe.

SALARY INFORMATION:

\$11 to \$16 per hour



SOUTHWESTERN COLLEGE

900 Otay Lakes Rd....

Chula Vista, CA 92110

www.swccd.edu

Dean: Irma Alvarez

Phone: (619)482-6327

Email: ialvarez@swccd.edu

- **Wait list: None**
- **Number of students wait list: 0**
- **Students accepted each year: 120**
- **Number of semesters/units: 2 to 4 semesters**
- **Number of faculty: 1 full-time, 7 adjuncts**

NURSING - RN

PREREQUISITE SCIENCE COURSE(S):

Option I: (Required for transfer to CSU and UC) Complete the following courses with a “C” or better, except as noted:

- NURSING ASSISTANT OR THE EQUIVALENT (CNA)
- ENGLISH 115 4 units
- ANATOMY * 5 units w/lab } Ten year recency for anatomy, seven
- PHYSIOLOGY 4 units w/lab } year recency for physiology & micro;
- MICROBIOLOGY * 5 units w/lab } minimum cumulative GPA of 2.5

Option II: Complete the following courses with a “C” or better, except as noted:

- NURSING ASSISTANT OR THE EQUIVALENT
- ENGLISH 115 4 units
- ANATOMY/PHYSIOLOGY * 5 units w/lab } Ten year recency & 3.0 or
- MICROBIOLOGY * 5 units w/lab } higher GPA required TEAS Test: score of 62 or higher on Version V

PROGRAM INFORMATION:

The ADN Program provides basic education and experience in nursing which will qualify you for entrylevel Registered Nurse positions. A class of 60 students begins each year in the fall semester. Nursing courses are completed in four semesters, however, with the addition of the pre-requisite and general education courses the entire program will realistically take approximately three to four years to complete.

SALARY INFORMATION:

\$34 to \$48 per hour

**SOUTHWESTERN COLLEGE**

900 Otay Lakes Rd.
Chula Vista, CA 92110
www.swccd.edu
Director: Cathy McJannet
Phone: (619)216-6762
Email: cmcjannet@swccd.edu

- **Wait list: Multi-Criteria Selection**
- **Number of students wait list:**
- **Students accepted each year:**
- **Number of semesters/units:**
- **Number of faculty:**

NURSING - LVN TO RN

PREREQUISITE SCIENCE COURSE(S):

- BIOL 193: Principles Human Anatomy & Physiology (5.0 units) OR
- BIOL 260: Human Anatomy (5.0 units) &BIOL 261: Principles of Human Physiology (4.0 units)
- BIOL 265: General Microbiology (5.0 units)
- Math 60: Intermediate Algebra
- Rdg. 158: College-level reading
- High school graduation or equivalent
- TEAS Test: score of 62 or higher on Version V

PROGRAM INFORMATION:

California licensed vocational nurses are eligible to apply for a one-year LVN – AND transition program. Credit toward first year ADN courses is granted upon evidence of licensure. Students take a summer transition course before joining the AND class in the third semester.

The Associate Degree Nursing program is accredited by the National League for Nursing Accreditation Commission (NLNAC).

SALARY INFORMATION:

\$34 to \$48 per hour



SOUTHWESTERN COLLEGE

900 Otay Lakes Rd.
Chula Vista, CA 92110
www.swccd.edu
Director: Cathy McJannet
Phone: (619)216-6762
Fax: (619)216-6603
Email: cmcjannet@swccd.edu

- **Wait list: 1 to 2 years**
- **Number of students wait list: 58**
- **Students accepted each year: varies depending on space availability**
- **Number of semesters/units: 3 semesters**
- **Number of faculty: 1 full-time, 2 adjuncts**

OPERATING ROOM NURSE – RN

PREREQUISITE SCIENCE COURSE(S):

RN license and prior application required

PROGRAM INFORMATION:

This program teaches nurses to function in the operating room. A major portion of the experience will take place in operating rooms around San Diego, with opportunities to practice and circulate.

SALARY INFORMATION:

\$34 to \$48 per hour



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900 Otay Lakes Rd....

Chula Vista, CA 92110

www.swccd.edu

Director: Cathy McJannet

Phone: (619)216-6762

Fax: (619)216-6603

Email: cmcjannet@swccd.edu

- **Wait list: 1 year**
- **Number of students wait list: ~30**
- **Students accepted each year: 10 - 12**
- **Number of semesters/units: 1 semester**
- **Number of faculty: 2 full-time, 1 adjunct**

PHARMACEUTICAL & LAB SCIENCE

PREREQUISITE SCIENCE COURSE(S):

- CHEM 170: Preparation for General Chemistry (4.0 units)
- CHEM 200: General Chemistry I (5.0 units)
- CHEM 210: General Chemistry II (5.0 units)

PROGRAM INFORMATION:

Pharmaceutical and Laboratory Science Program is dedicated to preparing students for careers as Chemical Technicians. The Associate of Science degree and Certificate programs include a comprehensive collection of instructional and laboratory experiences directed toward readying graduates for entry-level positions in a wide variety of chemistry-based industries such as pharmaceutical, biotechnology, paints and coatings, inks and dyes, and electronic materials. The program curriculum is structured to equip students with many of the technical skills and competencies identified by the American Chemical Society as essential in the preparation of well-trained Chemical Technicians.

SALARY INFORMATION:

\$16 to \$26 per hour



SOUTHWESTERN COLLEGE

900 Otay Lakes Rd.
Chula Vista, CA 92110
www.swccd.edu
Director: David Brown PhD
Phone (619)421-6700 ext 5664
Email: dbrown@swccd.edu

- **Wait list: None**
- **Number of students wait list: 0**
- **Students accepted each year: 25**
- **Number of semesters/units: 2 semesters**
- **Number of faculty: 2 full-time, 3 adjuncts**

SURGICAL TECHNOLOGY

PREREQUISITE SCIENCE COURSE(S):

- BIOL 190: Human Anatomy & Physiology (4.0 units) or BIOL 260: Human Anatomy (5.0 units)
- MedOp 230: Medical Terminology (3 units)
- Rdg. 158: College-level reading
- High School graduation or equivalent

PROGRAM INFORMATION:

This program prepares the student to function in operating rooms under the direct supervision of physicians and nurses. A major portion of the learning experience will take place in hospital operating rooms.

SALARY INFORMATION:

\$19 to \$26 per hour



SOUTHWESTERN COLLEGE

900 Otay Lakes Rd.
Chula Vista, CA 92110
www.swccd.edu

Director: Cathy McJannet

Phone: (619)216-6762

Fax: (619)216-6603

Email: cmcjannet@swccd.edu

- **Wait list: 1 year**
- **Number of students wait list: ~30**
- **Students accepted each year: 20**
- **Number of semesters/units: 3 semesters**
- **Number of faculty: 1 full-time, 2 adjuncts**

ADULT EDUCATION/ROP

Escondido Union:

- Certified Nurse Assistant
- Electronic Health Records (EHR) Systems Technician
- Home Health Aide
- Medical Assistant/Admin
- Medical Assistant/Clinical
- Medical Coding I
- Medical insurance Billing
- Medical Office
- Pharmacy Technician
- Phlebotomy Technician

Grossmont Union:

- Certified Nurse Assistant (CNA/HHA)
- Dental Assistant
- Emergency Medical Technician - Basic
- Healthcare Interpreting
- Licensed Vocational Nurse
- Medical Assistant Clinical/Administrative
- Medical Billing & Coding
- Medical Receptionist/Insurance Forms
- Pharmacy Technician
- Phlebotomy Medical Lab Assistant
- Surgical Tech

San Diego Continuing Ed (SDCE):

- Certified Nursing Assistant
- Home Health Aide

Sweetwater Union:

- Medical Assistant
- Pharmacy Technician
- Phlebotomy Technician

Vista Adult Ed/ROP:

- Health Unit Coordinator
- Medical Assistant
- Medical Billing & Coding
- Medical Office
- Medical Transcription
- Pharmacy Technician
- Phlebotomy Technician

ESCONDIDO UNION

More information: <http://escondidoadultschool-rop.org/>

Assistant Principal Brian Head - 760-737-8003 or bhead@euhsd.k12.ca.us

ELECTRONIC HEALTH RECORDS (EHR) SYSTEMS TECHNICIAN

As an Electronic Health Records (EHR) System Technologist you will assist healthcare providers to choose, implement, train and maintain an electronic health records system. Student will learn the essential components of the electronic health information exchange essentials; system selection and implementation; project management and fundamentals of change and human factors. This online course is 216 hours in length completed over 18 weeks.

To enroll or for information for financial assistance, call Boston Reed College at 1-800-201-1141.

HOME HEALTH AIDE FOR CERTIFIED NURSE ASSISTANTS

This class is for CNAs wanting to get their home health aide state certification in order to work with hospice agencies. This course consists of 20 hours theory and 20 hours of clinical.

Prerequisites: copy of your current CNA card, and proof of a physical exam and a TB clearance

To enroll or for information call Escondido Adult School - 760-739-7300

MEDICAL ASSISTANT/ADMIN

Training for entry-level administrative / receptionist positions in medical offices and healthcare facilities. Instruction covers, but is not limited to: preparation and maintenance of computerized medical records, computer concepts for medical and health care facilities, applied medical terminology, medical transcription, proper conduct, importance of confidentiality, medical insurance billing and coding, CPT and ICD coding, HCPCS, & PDR Research, HIPPA regulations, reading and writing prescriptions and proper use of office equipment. Students cannot take M. A. Admin. and M.A. Clinical at the same time. 18 wks.

To enroll or for information call Escondido Adult School - 760-739-7300

MEDICAL ASSISTANT/ADMIN/CLINICAL

The clinical portion of this course will prepare students to assist physicians in the back office.

Initial core instruction includes medical health records, medical law and ethics, applied medical terminology, anatomy and physiology and safety and medical office emergencies. Also covers assisting with minor office surgery, instruments and their care, PFT testing, EKG testing, glucose and strep tests, pharmacology, basic laboratory procedures with collection and handling of specimens including venipuncture essentials and medical asepsis. Also included, instruction in CPR, and basic metrics.

To enroll or for information call Escondido Adult School - 760-739-7300

MEDICAL CODING I

Instruction covers ICD-9-CM and CPT code sets and how they are used in medical insurance billing. Students learn how to assign numbers to medical diagnoses, procedures, and services to optimize

payment or physician billing. Book and material fees will be covered in class. (Prerequisite Medical Terminology) Class must be completed within 16 weeks

To enroll or for information call Escondido Adult School - 760-739-7300

MEDICAL INSURANCE BILLING

Instruction covers physician office billing, outpatient billing, CMS 1500 & UB04 claim forms, private insurance, managed care, Medicare, HMO, MediCal, Tricare, receiving payments, collections, and legal considerations. Book and material fees to be covered in class. (Prerequisite: Medical Coding I) Class must be completed in 16 weeks.

To enroll or for information call Escondido Adult School - 760-739-7300

NURSE ASSISTANT AND HOME HEALTH AIDE

Course provides entry level training leading to nurse assistant and home health aide certification. The covers the following areas of instruction: basic nursing skills, medical terminology, basic anatomy and physiology, ethics and safety. Included are classroom, laboratory and clinical experiences. Upon successful completion, of both, students are qualified to take the state written and clinical examinations. Home Health Aide consists of 20 hours theory and 20 hours clinical, covering the following; Intro to Aide and Agency Role, interpretation of medical & social needs of clients. Personal care services, nutrition, cleaning and care tasks in the home are covered, as well as changing bed linen, preparing meals, assisting in and out of bed, bathing, dressing, and grooming.

To enroll or for information call Escondido Adult School - 760-739-7300

PHARMACY TECHNICIAN TRAINING PROGRAM

The pharmacy technician assists the pharmacist with mixing and packaging prescriptions, maintaining client records, referring clients to the pharmacist for counseling assistance, inventory control and purchasing, collecting payments, and coordinating billing. The course combines 182 hours of classroom instruction with a 120 hour pharmacy externship.

To enroll or for information for financial assistance, call Boston Reed College at 1-800-201-1141

PHLEBOTOMY TECHNICIAN TRAINING PROGRAM

Phlebotomy Technicians draw blood from patients in a hospital, clinical laboratory, doctor's office or clinic. This course prepares students to be eligible to take the certification exam as required by the State of California for working as a Certified Phlebotomy Technician 1. 48 classroom hours/40 externship hours.

To enroll or for information for financial assistance, call Boston Reed College at 1-800-201-1141

GROSSMONT UNION – HEALTH OCCUPATIONS CENTER

More information: <http://hoc.guhsd.net/>

Director: Steve Niemeyer - (619) 956-4300 or hoc@guhsd.net

DENTAL ASSISTANT (RDA ELIGIBLE)

Strong employment growth is expected for Dental Assistants who perform a variety of patient care, office, and laboratory duties in dental offices. These duties may include: working chair-side as a dentist examines and treats patients; sterilizing instruments and equipment; preparing trays for dental procedures; instructing patients on post-operative and general oral health care; preparing materials for making impressions and restorations; processing x-rays; removing sutures; cleaning and polishing removable appliances; and making temporary crowns. Front office duties may include scheduling appointments, receiving patients, keeping treatment records, billing, and ordering supplies and materials.

This program consists of 560 hours of classroom/lab instruction and 240 hours of Distance Learning internship where students gain on-the-job experience in a dental office. Prerequisites: a United States HS Diploma/GED, immunizations, certification with the American Heart Association BLS for the Healthcare Provider and a passing score on the HOC Math/English Assessment test.

EMERGENCY MEDICAL TECHNICIAN (EMT)

This course provides entry-level training in emergency medical care techniques. Learn to assess a patient's condition at the scene of accidents and emergencies and to manage medical conditions and trauma emergencies while transporting patients to the hospital. Employment possibilities include working as an EMT in various capacities. Course completion meets the minimum requirements for firefighters and emergency room technicians. Instruction will cover anatomy, physiology, and emergency pre-hospital care for the sick and injured.

The 142 hours of required instruction includes 24 hours of on-the-job training. Upon successful completion of the course, graduates are eligible to take the National Registry exam for nationwide certification as an EMT. Prerequisites are certification in American Heart Association BLS for the Healthcare Provider, current TB clearance, immunizations, and a United States HS Diploma/GED. EMT students must be able to lift 120 pounds and meet other requirements for this physically strenuous job. Healthcare Essentials is recommended, but not required.

MEDICAL ASSISTANT

Medical Assistants play a crucial role in medical offices. In this course, you will learn to perform both front and back office procedures required of a Medical Assistant. Front office duties may include answering phones, greeting patients, updating and filing patients' medical records, filling out insurance forms, handling correspondence, scheduling appointments, arranging hospital admissions and laboratory services, and handling billing and bookkeeping. Back office duties may include charting patient medical history, taking measurements and vital signs, preparing medications and administering injections, performing laboratory procedures, assisting with minor office surgery, preparing patients for

examinations, and using and caring for equipment, such as the audiometer, electrocardiograph, autoclave and centrifuge.

This program consists of 275 hours of classroom/lab instruction and 120 hours of Distance Learning internship where students gain on-the-job experience in a medical office setting. Prerequisites: Healthcare Essentials, certification with the American Heart Association BLS for the Healthcare Provider, physical exam, immunizations and a United States HS Diploma/GED.

MEDICAL LAB ASST./PHLEBOTOMY

A Phlebotomy Technician is an integral member of the medical laboratory team. Duties differ according to the work site, responsibilities typically include: drawing blood from patients or donors; assembling equipment; labeling and storing blood samples. Duties may also include plating microorganisms, loading specimens onto analyzers, accessing patient samples, specimen processing, centrifuging samples, making blood smears, staining specimens, using various test kits, facilitating the collection and transportation of laboratory specimens, and patient data entry.

This program consists of 280 hours of classroom/lab instruction and 120 hours of Distance Learning internship where students gain on-the-job experience in a variety of work sites. Work sites may include hospitals, blood banks, clinics, doctors' offices and laboratories. Prerequisites: Healthcare Essentials, certification with the American Heart Association BLS for the Healthcare Provider, immunizations, and a United States HS Diploma/GED.

NURSE ASST./HOME HEALTH AIDE

With their caring, compassion and expertise, Certified Nurse Assistants are a vital key to their patients' health and well-being. This state-approved course, combining classroom instruction, labs, and clinical training, prepares students for California certification as a Certified Nurse Assistant. Prerequisite: Healthcare Essentials, physical exam, immunizations, and certification with the American Heart Association BLS for the Healthcare Provider. No HS Diploma/GED required for this class.

PHARMACY TECHNICIAN

The demand for Pharmacy Technicians is increasing rapidly! Pharmacy technicians prepare medications under the direction of a pharmacist. Duties include: receiving prescription requests, verifying accuracy of information, maintaining patient profiles, measuring, mixing, counting, labeling, and recording dosages, preparing insurance forms, stocking and taking medication inventory.

This program consists of 280 hours of classroom/lab instruction and 120 hours of Distance Learning internship where students gain on-the-job experience in a pharmacy setting. Prerequisites: Healthcare Essentials, immunizations, certification with the American Heart Association BLS for the Healthcare Provider, and a United States HS Diploma/GED.

VOCATIONAL NURSING

Applicants must complete Healthcare Essentials and become a Certified Nurse Assistant by May 31, 2012. In addition, applicants must have satisfactory scores on the entrance exam and fulfill other entrance requirements. A United States HS Diploma/GED is required.

SAN DIEGO CONTINUING EDUCATION - SDCE

More information: [http: www.sdce.edu/job-training](http://www.sdce.edu/job-training)

Public Information Officer, Ranessa Ashton, rashton@sdccd.edu – 619.388.4833

NURSING ASSISTANT

250-260 hours. Complete in 12 to 16 weeks.

Learn to provide hands-on care to those who are unable to care for themselves. Through lecture and hands-on skills practice, you learn to bathe, dress, feed, and assist patients with toileting as well as report changes in a patient's physical or mental status to the supervising nurse. This program prepares students for the Certified Nurse Assistant examination which is taken upon completion of the course. At that time, students become certified as a Nurse Assistant by the State of California, and can work in rehabilitation and long-term care facilities such as convalescent hospitals, and through an agency or in a private home.

It is advised that you enter the program with strong reading skills of at least 9th grade or higher. You must present proof of a negative TB test within three months, and a physical exam within one year of the date you begin classes.

Upon successful completion of Nursing Assistant Training, you may apply to take the state Certified Nurse Assistant examination. After passing the state exam, you become certified as a Nurse Assistant by the State of California.

HOME HEALTH AIDE

50 hours. Complete in 2 weeks.

After becoming a Certified Nurse Assistant, if you wish to receive certification as a Home Health Aide, you may complete an additional 50 hours of training that includes lecture and skills practice. You will learn:

- Aide and agency role
- Medical and social needs of patients
- Personal care services
- Nutrition
- Cleaning and care of homes

You will be trained to help elderly, convalescent, or disabled persons in their homes instead of a health facility. Home Health Aides are in high demand from licensed home care agencies to provide basic nursing care in private homes or hospice programs under the supervision of Registered Nurses.

SWEETWATER UNION ADULT EDUCATION

More information: www.sweetwaterschools.org/adulteducation

Program Coordinator: Teresa Matos: Teresa.Matos@sweetwaterschools.org 619-934-6605

HEALTHCARE ESSENTIALS

Course is a prerequisite for ALL Health Science Classes

Learn the skills necessary to pursue a career in professional health care, focusing on body structure and functions, vital signs, emergency procedures, safety and health maintenance, ethical and legal responsibilities, clerical skills, and interpersonal dynamics and socioeconomics.

CERTIFIED NURSING ASSISTANT AND HOME HEALTH AIDE (2+2)

Prerequisite: Healthcare Essentials and passing score on reading entrance exam

Gain the skills needed to care for ill, aging or disabled patients. Training includes theory and clinical practice in a skilled nursing facility that prepares you for the California State Board Certified Nursing Assistant Examination. The CVA site also includes Home Health Aide preparation. After completion of prerequisites, call CTE at (619) 934-6605 to register.

MEDICAL ASSISTANT - ADMINISTRATIVE (2+2)

Prerequisite: Healthcare Essentials - may be taken concurrently - Passing score on reading entrance exam

Prepare for work in the health industry as a Medical Assistant-Administrative (front office). Qualified Medical Assistants are in demand in today's employment market. This course will prepare you to take the California Certifying Board for Medical Assistant (CCBMA) and the American Association of Medical Assistant (AAMA) exams for work in a variety of positions and teach you medical software, medical insurance billing, and intro to coding.

MEDICAL ASSISTANT - CLINICAL (2+2)

Prerequisite: Healthcare Essentials - may be taken concurrently - Passing score on reading entrance exam

Prepare for work in the health industry as a Clinical Medical Assistant (back office), a multi-skilled member of a health care team. Receive hands on training to take temperature and pulse, measure respiration and blood pressure, and give injections. Due to government health requirements students must be at least 18 years old to perform injections and venipuncture. This course prepares students to take the California Certifying Board for medical Assistant (CCBMA) and the American Association of Medical Assistant (AAMA) exams.

PHARMACY TECHNICIAN

This 24-week Pharmacy training program combines 168 hours of classroom instruction with 120-hours of pharmacy externship.

VISTA ADULT EDUCATION/ROP

More information: <http://vasweb.vusd.k12.ca.us/>

HEALTH UNIT COORDINATOR

Not Offered for Winter 2012

This program prepares students for entry level employment in a hospital nursing unit or skilled nursing facility as a health unit coordinator. The health unit coordinator initiates records for new patients, records information from nursing records, uses medical terminology, abbreviations/symbols, transcribes physician orders, performs clerical functions for admissions, discharges /transfers patients, maintain unit supplies, communicate with other departments by telephone, intercom, pagers, text message, tube system, and computer. Must have keyboarding and computer skills.

MEDICAL ASSISTANT FRONT OFFICE

You will be challenged with real-world projects, simulations, specific knowledge and skills needed to work in a medical front office. Acquire skills in NDC Medisoft, Microsoft Office, keyboarding, Internet, email, file management, and medical terminology. Use NDC Medisoft to schedule patient appointments, prepare charts, medical records, enter diagnostic and procedure codes, patient charges, payments, print statements and receipts, referral, medical forms. Students must attend orientation to register. Must have keyboarding and computer skills. Prerequisite: Healthcare Essentials.

MEDICAL ASSISTANT

A medical assistant career offers the chance to work in a medical office, hospital, or clinic. Medical Assistants use medical terminology; have an understanding of pharmacology, medical law, and ethics. They help patients feel at ease and respect the confidential nature of medical information; use computers, software, and record data. They assist the physician with minor treatment or diagnostic testing. Medical Assistants record vital signs, give injections, remove sutures, and change dressings.

PHLEBOTOMY

Do you enjoy working with others and want to work in the Healthcare field? Check out our Phlebotomy Program. Phlebotomists are trained in the area of collecting blood and have additional responsibilities to identify tubes which are transported to a lab to be analyzed. Phlebotomists usually work in a hospital, clinic, or blood donation center. Other job opportunities include working for insurance companies to travelling to different locations to collect blood samples. California State Certified Training Program.

Pharmacy Technician

Pharmacy Technicians assist licensed pharmacists to prepare prescription medications; however, the desire to work with people and provide customer service are also an important part of the job. Pharmacy technicians generally are responsible for receiving prescription requests, counting tablets,

labeling bottles, and operating the cash register. They may carry out clerical duties within the pharmacy, establish and maintain patient records, and prepare insurance claim forms. Pharmacy technicians not only work in retail settings, but also mail order pharmacies, hospitals, and assisted-living facilities. Pharmacy technician jobs offer a variety of flexible work schedules and tasks. Prepares Technicians to Register with the State of California

MEDICAL BILLING AND CODING

Medical Billing and Coding Specialists work in a variety of medical settings and companies that specialize in billing and coding for the industry. Specialists regularly handle all types of insurance claim forms including private, Medicare/Medicaid, Workers Comp, and more. Their work includes diagnostic and procedural coding, receiving payments, and insurance problem solving. Keyboarding and computer skills are essential. In addition, coding drives the billing process and gathers all the statistics. Coders use their technical skills, knowledge of protocols, coding practicum, coding medical charts, ICD-9 and CPT codebooks and online. Collections are a responsibility of both the medical billing and coding department.

LOCAL UNIVERSITIES

CALIFORNIA STATE UNIVERSITY,

San Diego

www.sdsu.edu

(619)594-5357

nursing@mail.sdsu.edu**CALIFORNIA STATE UNIVERSITY,**

San Marcos

www.sdsu.edu

(619)594-5357

nursing@mail.smsu.edu**LOMA LINDA UNIVERSITY**www.llu.edu

(909)651-5029

admissions.app@llu.edu**NATIONAL UNIVERSITY****PT. LOMA NAZARENE**www.pointloma.edu

(619)849-2425

nursing@pointloma.edu**UNIVERSITY OF CALIFORNIA, SAN
DIEGO**www.ucsd.edu

(858)534-0830

UNIVERSITY OF SAN DIEGOwww.sandiego.edu

(619)260-4600

admissions@sandiego.edunursing@mail.sdsu.edu**UNIVERSITY OF PHOENIX**www.phoenix.edu

(866)766-0766

