

# CAREER TECHNICAL EDUCATION



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## Train for a Career at Foothill College

A rewarding career will support your mind as well as your finances, and will challenge you in positive ways. At Foothill College, we have provided high-quality training for rewarding careers since opening our doors in 1957. That's six decades of helping students find career matches, offering outstanding Career Technical Education (CTE) instruction, and congratulating students as they graduate.

Foothill College CTE programs are designed for people who are entering a field for the first time, as well as experienced career professionals who want to update their skill set. Through our rigorous career programs, you will develop the in-demand skills employers want. Foothill College offers comprehensive, award-winning training with experienced faculty, modern tools and facilities, and a well-earned reputation for excellence. We also offer a variety of student support services, including tutoring and financial aid.

Depending on the program you choose, Foothill's CTE programs take between nine months and two years to complete. Most require that you enroll full time, although there are some programs that permit you to take courses on a part-time basis.

[foothill.edu/cte](https://foothill.edu/cte)

Throughout this booklet, asterisks (\*) denote median hourly earnings according to Emsi: Labor Market Analytics.



“I love how much hands-on learning we do. I feel like it is well suited to all learning types.”

–Malerie B.



## ACCOUNTING

[foothill.edu/accounting](https://foothill.edu/accounting)

- As a student in the Accounting Program, you will be able to explain accounting terminology, concepts, principles and frameworks.
- The program focuses on preparing students to transfer to four-year institutions, take the Certified Public Accountant (CPA) exam, and offers two certificates of achievement and four certificates of proficiency for employment.
- Upon successful completion, you can pursue a career as a public accountant, internal auditor, government accountant, income tax accountant, business or accounting instructor, or budget analyst.
- **Median Hourly Earnings in Silicon Valley: \$23.69\***



## APPRENTICESHIPS

[foothill.edu/apprenticeships](https://foothill.edu/apprenticeships)

- Apprenticeship is an earning while learning program where you work full-time in a chosen trade while going to school one or two days a week.
- Foothill College, in partnership with local apprenticeship training committees throughout northern California, offers instruction in several trades, including general and residential electrician, plumbing, pipefitting and steamfitting, refrigeration, and heating, ventilation and air-conditioning (HVAC).
- Upon completion, you will receive an Associate in Science Degree, certificate of achievement or career certificate from Foothill College and a California Division of Apprenticeship Standards certificate.
- **Median Hourly Earnings in Silicon Valley: varies**



“Every day is different, and there is no telling what is going to happen next.”

–Maxwell R.



## BUSINESS ADMINISTRATION

[foothill.edu/business](https://foothill.edu/business)

- The Business Administration Program prepares you to pursue studies in specialized business fields such as international business, finance, advertising, marketing, management, accounting and banking.
- The program offers career certificates and an associate degree for transfer.
- Upon completion, you will be able to research, analyze, interpret, and communicate business concepts, frameworks, and results either in supporting roles or as decision-makers across the full lifecycle of the business enterprise.
- **Median Hourly Earnings in Silicon Valley: \$55.92\***



## CHILD DEVELOPMENT

[foothill.edu/childdevelopment](https://foothill.edu/childdevelopment)

- The Child Development Program prepares you with the knowledge and practical experience to plan, implement and evaluate appropriate experiences for young children and families in a variety of settings.
- You can earn an associate degree or specialty program certificates, transfer to a four-year university, and/or gain employment as you complete units.
- Upon completion, you can teach or direct child development programs, operate family child care programs, or work as a child psychologist, elementary school teacher, administrator, and more.
- **Median Hourly Earnings in Silicon Valley: \$14.32\***





## DENTAL ASSISTING

[foothill.edu/dentalasst](https://foothill.edu/dentalasst)

- The Dental Assisting Program is a 9-month program that combines lecture, laboratory and clinical courses in general and specialty dental practices.
- Upon completion, you'll qualify for the Registered Dental Assisting Examination of the State of California and the Dental Assisting National Board Examination, and acquire valuable certification in coronal polishing, dental X-ray, and pit and fissure sealants.
- Graduates of this program can have direct patient interaction by working as a chairside dental assistant, or in any other specialty practice, including orthodontics and oral surgery.
- **Median Hourly Earnings in Silicon Valley: \$22.40\***



## DENTAL HYGIENE

[foothill.edu/dentalhygiene](https://foothill.edu/dentalhygiene)

- The Dental Hygiene Program prepares you to assess the medical/dental status of patients, develop a dental hygiene care plan, implement appropriate dental hygiene care, and evaluate outcomes.
- The program offers a Bachelor of Science in Dental Hygiene and prepares graduates to take the National Dental Hygiene Board Examination and qualify for the state or regional Registered Dental Hygiene licensure examination.
- Opportunities exist for a registered dental hygienist in general or dental specialties such as pediatrics and periodontics.
- **Median Hourly Earnings in Silicon Valley: \$50.02\***



“My favorite part of the program is building strong connections with my classmates as we support each other through learning new skills and the theories behind them.”

—Susan N.



## DIAGNOSTIC MEDICAL SONOGRAPHY

[foothill.edu/dms](https://foothill.edu/dms)

- A registered diagnostic medical sonographer works with equipment using high-frequency sound waves to help diagnose a wide variety of conditions in the human body.
- Successful completion leads to an Associate in Science Degree in Diagnostic Medical Sonography, a certificate of achievement, and leads to eligibility for the American Registry of Diagnostic Medical Sonography examinations.
- Career opportunities include employment in the hospital, clinic, and office setting, working closely with physicians or surgeons before, during, and after medical procedures.
- **Median Hourly Earnings in Silicon Valley: \$55.03\***



## EMERGENCY MEDICAL TECHNICIAN (EMT)

[foothill.edu/emt](https://foothill.edu/emt)

- An emergency medical technician provides immediate emergency care to injured/sick patients in a prehospital setting.
- Upon successful completion of this six to nine-month program, you will earn a course completion verification certificate and will be eligible to take the National Registry EMT Examination.
- Career opportunities include but are not limited to employment with ambulance companies, fire departments, hospital emergency rooms, and search and rescue units.
- **Median Hourly Earnings in Silicon Valley: \$21.71\***  
*The Bureau of Labor Statistics combines wage information for Emergency Medical Technicians and Paramedics.*

“Don’t be scared when you’re new and ask a lot of questions to learn. Don’t be afraid to fail.”

—Emelie F.





## ENTERPRISE NETWORKING

[foothill.edu/cs](https://foothill.edu/cs)

- The Enterprise Networking Program will prepare you to design, administer, maintain and troubleshoot networks of all sizes.
- The program awards an Associate in Science Degree with an emphasis in Microsoft Certified Information Technology Professional, Cisco Certified Network Associate, UNIX, wireless or security. The program also offers an associate degree for transfer in computer science and a certificate of proficiency.
- Graduates can pursue career opportunities in information communication technology, computer networks, data communication, marketing, system design, specification writing, technical writing, data center control, diagnostics and programming.
- **Median Hourly Earnings in Silicon Valley: \$35.16\***



## ENVIRONMENTAL HORTICULTURE & DESIGN

[foothill.edu/hort](https://foothill.edu/hort)

- Horticulture careers are wide ranging, including fine gardeners, plant growers and other green-industry professions.
- The program awards a certificate of achievement and an Associate in Science Degree.
- The primary emphasis of the program is to help you prepare for a career as a landscape designer and/or contractor, fine gardener, plant production manager, public parks and grounds manager, and other similar green-industry careers.
- **Median Hourly Earnings in Silicon Valley: \$14.20\***





## GEOGRAPHIC INFORMATION SYSTEMS (GIS)

[foothill.edu/gis](https://foothill.edu/gis)

- GIS integrates maps, databases, geographic positioning systems and remotely sensed data.
- The program awards an Associate in Science Degree and a certificate of achievement for geographic information systems analyst.
- GIS skills are highly desirable in agriculture, cartography, city management, urban planning, law enforcement, real estate, archaeology, and many other fields.
- **Median Hourly Earnings in Silicon Valley: \$31.18\***



## GRAPHIC & INTERACTIVE DESIGN

[foothill.edu/gid](https://foothill.edu/gid)

- The Graphic & Interactive Design Program prepares you for a wide variety of career options in web design, digital media, branding, and advertising.
- Skill certificates are available in graphic design specialties, as well as a certificate of achievement, and an associate degree.
- Students who complete the program find full-time, part-time, or contract employment at design agencies and corporate design departments, or are self-employed freelancers.
- **Median Hourly Earnings in Silicon Valley: \$31.91\***





## MUSIC TECHNOLOGY

[foothill.edu/musictech](https://foothill.edu/musictech)

- The Music Technology Program will prepare you for an entry-level career in recording arts, music production, marketing and merchandising, concert promotion, sound for video, and other media-based career options.
- Upon completion, you can earn an Associate in Arts Degree along with other specialty certificates.
- Completers are qualified artists who obtain positions in film/video, music, media post-production, television, recording arts, and a host of other areas.
- **Median Hourly Earnings in Silicon Valley: \$21.44\***



## NANOSCIENCE

[foothill.edu/nanoscience](https://foothill.edu/nanoscience)

- Upon completion of this program, you will know how to operate state-of-the-art materials characterization and nanofabrication equipment, as well as be able to apply the concepts of nanoscience to emerging technology fields such as clean energy technology, biomedical devices and high-performance materials.
- Completers can earn an Associate in Science Degree along with other specialty certificates.
- The Nanoscience Program will provide you with an entry point to nanotechnology-related careers and foundational learning in chemistry, biology, physics, math and engineering.
- **Median Hourly Earnings in Silicon Valley: \$57.25\***



“Everyone is kind,  
friendly, and  
willing to help.”

—Sylvia L.



## PARAMEDIC

[foothill.edu/ems](https://foothill.edu/ems)

- As a paramedic, you will be trained to perform advanced, prehospital patient care that is on par with a hospital emergency room.
- Upon successful completion of the program, you will earn a career certificate and will be qualified to apply to the state for paramedic licensure.
- Career opportunities include but are not limited to employment with ambulance companies, fire departments, hospital emergency rooms, or other settings that provide immediate emergency care, but at a much higher level of training and responsibilities than an emergency medical technician (EMT).
- **Median Hourly Earnings in Silicon Valley: \$21.71\***

*The Bureau of Labor Statistics combines wage information for Emergency Medical Technicians and Paramedics.*



## PERSONAL TRAINER

[foothill.edu/personaltrainer](https://foothill.edu/personaltrainer)

- The Personal Trainer Program emphasizes assessment, program development and proper mechanics through the principles of anatomy and exercise physiology, psychology and small business practices.
- You will earn a certificate of achievement and be prepared to take industry-standard national certifications such as National Academy of Sports Medicine, American Council on Exercise, and American College of Sports Medicine.
- You will also be qualified to work as a paraprofessional in a variety of fields, including activity leader, coach, director, teacher, personal trainer or group exercise leader.
- **Median Hourly Earnings in Silicon Valley: \$20.66\***





## PHARMACY TECHNOLOGY

[foothill.edu/pharmtech](https://foothill.edu/pharmtech)

- A pharmacy technician performs tasks related to receiving, dispensing, distributing, controlling, maintaining, manufacturing, packaging and labeling of pharmaceutical products.
- Upon successful completion of the nine-month ASHP/ACPE-accredited certificate program, you can apply for the pharmacy technician license with the state board of pharmacy, and will have the option of earning an Associate in Science Degree.
- Employment opportunities include retail pharmacies, hospitals, health insurance companies, veterinary clinics, and more.
- **Median Hourly Earnings in Silicon Valley: \$21.30\***



## PHOTOGRAPHY

[foothill.edu/photo](https://foothill.edu/photo)

- In the Photography Program, you will learn to use professional-grade equipment and produce images that are used for fine arts, editorial, advertising and commercial purposes.
- You may also earn an Associate in Arts Degree in photography, as well as certificates of achievement, and proficiency over the course of one to two years.
- Upon completion, you can work full or part time as a photography assistant, advertising photographer, documentary photographer, fine art photographer, editorial photographer, photography teacher, and more.
- **Median Hourly Earnings in Silicon Valley: \$22.23\***





## RADIOLOGIC TECHNOLOGY

[foothill.edu/radtech](https://foothill.edu/radtech)

- Radiologic technologists use their knowledge of physics, human anatomy and physiology to create permanent medical images for the diagnosis of diseases.
- The 22-month program includes competency-based clinical, classroom and laboratory instruction culminating in an associate degree and qualification to take the California ARRT national registry exams for licensure.
- Job opportunities are available in various settings such as hospitals, outpatient imaging centers, physicians' offices, mobile imaging companies, research centers, government agencies, and commercial sales and marketing.
- **Median Hourly Earnings in Silicon Valley: \$49.21\***



## RESPIRATORY THERAPY

[foothill.edu/resptherapy](https://foothill.edu/resptherapy)

- Respiratory therapists work with physicians, nurses and other healthcare professionals in intensive care units and hospital floor care areas that are involved in the treatment, management and rehabilitation of patients with lung and heart conditions.
- Upon completion, you may specialize in many areas, including but not limited to intensive care, pulmonary function testing, and home care.
- **Median Hourly Earnings in Silicon Valley: \$41.82\***



“Not only do they work with you to get it down in the classroom, but they will help you find internships where the experience is real.”

—Angela W.



## SPORTS MEDICINE

[foothill.edu/sportsmed](https://foothill.edu/sportsmed)

- The Sports Medicine Program provides you with a foundation in knowledge and experience in a variety of fields.
- You can earn an Associate in Science Degree and/or transfer to a four-year university.
- You may pursue careers as a certified athletic trainer, physical therapist, physician, chiropractor, strength and conditioning specialist or other medical/allied health professional.
- **Median Hourly Earnings in Silicon Valley: \$29.37\***



## THEATRE TECHNOLOGY

[foothill.edu/theatrettech](https://foothill.edu/theatrettech)

- The Theatre Technology Program will prepare you to investigate the design and implementation of scenery, lighting, props, costumes and makeup in classroom settings and through practical experience.
- You can earn an associate degree and specialty program certificates.
- Upon completion, you will have the skills to work in a wide variety of careers in the theatre, film, and television industries.
- **Median Hourly Earnings in Silicon Valley: \$21.45\***

“I loved being responsible  
for taking great care of  
the animals and finding  
them forever homes.”

—Mia Bianca C.





## VETERINARY ASSISTING

[foothill.edu/vetasst](https://foothill.edu/vetasst)

- Veterinary assistants are trained in animal restraint, medical terminology, husbandry practices and prevention of infectious disease.
- The program offers a certificate in veterinary assisting.
- Career opportunities include working in veterinary clinics, biomedical research, shelters, and various businesses involving animals such as boarding, grooming, exercising pets, and pet supply.
- **Median Hourly Earnings in Silicon Valley: \$16.31\***



## VETERINARY TECHNOLOGY

[foothill.edu/vettech](https://foothill.edu/vettech)

- Veterinary technicians are trained to obtain patient history, perform physical examinations on a variety of animal patients, collect specimens and perform laboratory procedures.
- Upon completion, you will earn an Associate in Science Degree in veterinary technology, which will enable you to take state and national board exams.
- Career opportunities include private veterinary practice, specialty and emergency hospitals, biomedical industry, zoo animal and wildlife care, diagnostic laboratory support, animal control and humane society animal care, drug and feed company technical service, and sales.
- **Median Hourly Earnings in Silicon Valley: \$16.31\***



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