



# The HEIGHTS

Winter Quarter Starts Jan. 3, 2011

**Foothill College** has classes for every interest, including university transfer, career training, professional development, basic skills improvement and personal enrichment. Check out our winter class schedule online at [www.foothill.edu](http://www.foothill.edu).

**Registration Is Nov. 29–Jan. 2.**  
**Winter Quarter Classes Start Jan. 3.**

Register early for best course selection. Winter classes will fill up fast. Plan ahead, register, pay fees and take Counseling 50.

#### Follow Foothill

Find Us On Facebook & Twitter

#### Write a Winning Business Plan

Compete for \$10,000 in Scholarships & Showcase Your Ideas to Silicon Valley Expert Entrepreneurs

#### Aging: Everyone's Doing It

Foothill Now Offers 25-Unit Gerontology Career Certificate

#### Structures, Machines, Cables & Beams

Study the Statistics of Force Systems

#### Put It to Use!

New Applied Anthropology Course Is an Asset for Many Careers

#### Adobe Youth Voices Teacher Training

Free Technology Classes for Silicon Valley Educators

#### Visionary Donors Value Foothill

Foothill Commission Raises \$96,416 for Student Services, College Programs & Scholarships

#### Online Course Spotlight

Bite into Dental Hygiene; Accounting Courses You Can Count On; 5, 6, 7, 8: Dance History; Writing in English With Confidence; Social Relationships & Human Behavior; Study Pop Culture; AutoCAD

Earn Units & Get Paid a Stipend

## Find Out If a Career Teaching Math or Science Is Right For You

From the Oval Office to the principal's office, the biggest buzzword in education today is STEM—instruction that focuses on preparing students to excel in science, technology, engineering and mathematics. American students are lagging behind their peers in other countries when it comes to math and science literacy. Business leaders, politicians and educators agree that this knowledge gap must be addressed if our students are to remain competitive in the global economy.

You can be part of the movement to increase STEM literacy and improve the quality of math and science teaching by participating in Foothill's award-winning teacher-training program. You'll gain experience teaching math or science at the elementary, middle or high school level while you earn college units and a \$500 stipend.

To participate, enroll in Foothill's two-unit *PSE 41*, *42* or *43* course. You'll then be paired with exceptional, experienced mentor teachers at the K-12 level of your choice.

You'll observe instruction in the K-12 classroom, teach small groups of students, participate in relevant discussions pertaining to education, and learn how to become a credentialed K-12 teacher in California.

You'll also attend a weekly discussion session at the Foothill campus. In addition to receiving a stipend, this hands-on teaching experience can help you decide if a career as a math or science teacher is right for you.

Prerequisites for this program include completion with a passing grade of intermediate algebra, and a college-level chemistry, biology or physics course. You must complete *PSE 41* before *PSE 42* or *43*. In addition to providing your own transportation to and from local K-12 schools, you're required to undergo a TB test and background investigation, both offered at no charge by Foothill, prior to visiting K-12 classrooms. You must also participate in a mandatory interview at the first class meeting.

For more information about course prerequisites and interview details, e-mail [NorickAmanda@foothill.edu](mailto:NorickAmanda@foothill.edu) or call (650) 949-7421. For registration instructions, call (650) 949-7325 or access [www.foothill.edu](http://www.foothill.edu).





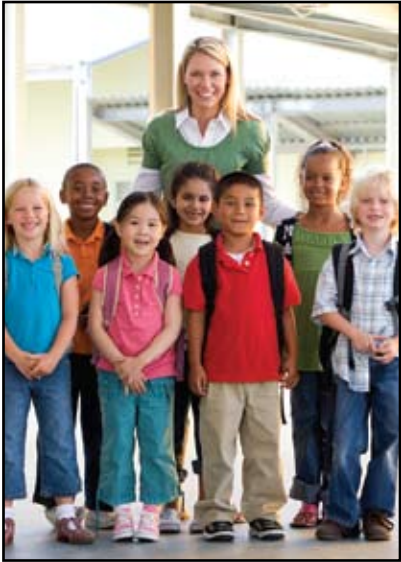
# The HEIGHTS

An Overview of Winter Quarter 2011 • Classes Start Jan. 3

## Early Care Classes & Free Program Information Night

Find out how Foothill's popular Child Development Program can lead to a rewarding career. Attend the program's information night **Friday, Nov. 19, from 6 to 7:30 p.m. in Room J-2** at the Foothill College Middlefield Campus in Palo Alto. Admission and parking are free. You'll have the opportunity to meet with faculty and students, tour campus facilities, and learn more about program requirements, the application process, admissions and financial aid.

Ideal for current teachers who are looking to advance in their profession, the program is also an excellent option for students who are pursuing early care education as their first career. For more information, e-mail [ThomasJeanne@foothill.edu](mailto:ThomasJeanne@foothill.edu) or call **(650) 949-6950**.



## Numerous Child Development Classes Offered This Winter

To meet the growing demand for child development courses, Foothill will offer 17 of these classes this quarter, including numerous classes that meet evenings or afternoons. In addition, winter offerings will include the core courses that are required for state licensing to teach in child development programs.

When you complete the Foothill College Associate in Arts Degree in Child Development, you can choose to transfer to a four-year university to pursue further studies in such fields as early care and education, child psychology, social work and primary education. The program also awards specialty certificates that will prepare you for a career working with preschoolers or infants and toddlers; directing an early care and education program; or running a child care business.

For more information, access [www.foothill.edu/childdevelopment/](http://www.foothill.edu/childdevelopment/). For registration instructions, call **(650) 949-7325** or access [www.foothill.edu](http://www.foothill.edu).

## Structures, Machines, Cables & Beams

### Statistics of Force Systems

Learn how the principles of statistics apply to particles and rigid materials in two- and three-dimensions under concentrated and distributed force systems by enrolling in the *ENGR 35: Statistics* class this quarter. The five-unit course is ideal if you're pursuing a career in civil, mechanical or structural engineering or architecture.

In addition to learning how to postulate, analyze and test the equilibrium conditions in structures, machines, beams and cables, you'll make the determination of centroids, moments of inertia, dry friction and methods of virtual work.

For registration instructions, call **(650) 949-7325** or access [www.foothill.edu](http://www.foothill.edu).

## Follow Foothill

Get campus news, updates, reminders and other important information by following Foothill on Twitter and adding Foothill as a friend on Facebook.

 <http://twitter.com/Foothillnews>

 <http://www.facebook.com/foothillcollege>

## Visionary Donors Value Foothill

### Raising Money to Help Our Students Succeed

Offering support services for returning veterans, providing development money for a dynamic theatre program, and making the cost of college more affordable for two outstanding scholarship recipients are among the activities that will receive \$96,416 from the Foothill Commission at its annual allocation ceremony this month. Funds awarded by the Foothill Commission were raised at the all-volunteer group's annual summer musical theatre benefit gala last July.

The mission of the Foothill Commission is to promote Foothill College within the community and engage in projects, activities and fundraising directly in support of the college and its students. The commission operates as an auxiliary organization to the Foothill-De Anza Foundation. The foundation's mission is to raise and invest funds to support the educational excellence of Foothill and De Anza colleges.

Foothill College programs that will receive allocation funding, include the following:

- \$67,500 for services such as counseling and peer tutoring for students, including veterans, with disabilities;
- \$15,000 to support the Foothill Music Theatre, Theatre Conservatory and Theatre Technology programs;
- \$10,915 to the commission's Fund a Need Program for which donors designate various programs that will receive their contributions; and
- \$3,000 to fund two \$1,500 scholarships that will be awarded to Foothill students who are preparing to transfer to a university. Volunteer service to the college and/or the community will play a major role in the selection process.

Led by co-chairwomen **Ginny Lear and Barbara Mordo**, Foothill Commission members are **Gerri Acers, Steve Acers, Kathy Adams, Elaine Andersen, Jean Gardner Ching, Diane Doolittle, Norma Egan, Virginia Farthing, Jan Fenwick, Janet Harding, Bebe Hoppe, Charlotte Horton, Kurt Hueg, Mady Kahn, Ray Klinke, Judy Miner, Penelope Midlock, Eliane Neukermans, Ann Rando, Meryl Selig, Ann Slautterback, Carla Stevenson, Barb Swenson and Gisela Zebroski**.

To learn more about the Foothill Commission and find out how you can contribute, call or e-mail Foothill-De Anza Foundation Associate Director **Laura Woodworth** at [WoodworthLaura@foothill.edu](mailto:WoodworthLaura@foothill.edu) or **(650) 949-6232**, or access [www.foundation.fhda.edu](http://www.foundation.fhda.edu).



Back row (from left) Ray Klinke, Barbara Swenson, Penelope Midlock and Barbara Mordo. Front row (from left) Diane Doolittle, Kathy Adams, Gerri Acers, Janet Harding, Steve Acers and Carla Stevenson.

## Hands-On Experience

### Learning at the Nanoscale Dimension

Explore the science and exciting applications in the field of nanotechnology by enrolling in the five-unit *NANO 51: Introduction to Nanotechnology* course. Intended for a broad multidisciplinary audience with a variety of scientific and technical backgrounds, the course includes hands-on experience operating Foothill's atomic force microscope and is excellent preparation for students who intend to pursue material or electrical engineering degrees.

You'll be introduced to scientific principles and theory at the nanoscale dimension, including current and future nanotechnology applications in engineering and materials, physics, chemistry, biology, electronics, computing and medicine. The class features tours of local labs using state-of-the-art equipment, and is taught by **Jill Johnsen, Ph.D.**, a nanoscience lecturer at San Jose State University and the Exploratorium in San Francisco.

For registration instructions, call **(650) 949-7325** or access [www.foothill.edu](http://www.foothill.edu).



## Engineering Your Career

If you're considering a profession in engineering, check out your options by taking Foothill's overview of engineering class this winter. You can enroll in the *ENGR 49: Engineering Professions* and *ENGR 10: Introduction to Engineering* classes concurrently.

The one-unit *ENGR 49* class allows you to explore different engineering-related career paths and meet engineers from different fields and industries. You'll also hear about the Engineers Without Borders Program as well as information about the courses to take and transfer requirements.

Throughout the four-unit *ENGR 10* course, you'll work as a member of an engineering team to design and build a robot. The class emphasizes the concepts of engineering problem solving and communications, which are presented through hands-on lab assignments. These projects are also designed to create an interest in engineering and technology as a career or vocation. The course includes a brief background in civil engineering and applying concepts from mechanical, electrical, computer and software engineering. You'll learn how to work in teams, improve technical writing, apply engineering ethics and manage a project.

For registration instructions, call **(650) 949-7325** or access [www.foothill.edu](http://www.foothill.edu).

## Compete for \$10,000 in Scholarships

### 4<sup>th</sup> Annual Foothill Business Plan Competition

If you excel in collaborative situations, have a unique business idea and want to get hands-on experience as a rainmaker in the Silicon Valley business community, you're invited to compete in the Foothill College Business Plan Competition.

With a scholarship fund of \$10,000 to share among the students who create the top business plans, the contest concludes May 5, when five finalists pitch their plans to a panel of Silicon Valley business experts. The competition is sponsored by the Foothill College Entrepreneur Center whose mission is to provide Foothill students and community members with the business and leadership skills necessary to compete successfully in the global economy.

To participate in the competition, you must attend at least one meeting of the Foothill Business, Economics & Accounting Club, at which time competition rules and guidelines will be explained. This winter, the club meets **Wednesdays, through Dec. 1, at noon in Room 3015**. Club meetings will resume **Jan. 5 through March 9**.

As you formulate your winning proposal, you can also enroll in Foothill's four-unit *BUSI 95: Entrepreneurship/Small Business Management* course this quarter. The class is taught by **Ben Dubin** who heads the information technology venture capital team at Asset Management Company.

For more competition information, access [www.foothillentrepreneurs.com](http://www.foothillentrepreneurs.com). For registration instructions, call **(650) 949-7325** or access [www.foothill.edu](http://www.foothill.edu).



# NEW Interests, NEW Careers, NEW Programs

Rewarding Professions Helping People

## Adaptive Fitness Therapy & Special Education Career Training Programs

Find a rewarding career working with persons with disabilities or older adults when you complete the fundamental training you'll need to become a qualified provider in the adaptive fitness therapy or special education professions.

Foothill's Adaptive Fitness Therapy associate degree and certificate programs

are designed for individuals who are planning a career in education, rehabilitation, and health and fitness settings.

The Special Education Program allows you to develop the skills for a rewarding career as a paraprofessional in work settings such as rehabilitation facilities, schools, human service organizations,

community centers, after-school programs or care-giving facilities. You can choose to earn the program's associate degree, paraprofessional certificate or continuing education credits.

For more program information, access [www.foothill.edu/al](http://www.foothill.edu/al). For registration instructions, call (650) 949-7325 or access [www.foothill.edu](http://www.foothill.edu).



Aging: Everyone's Doing It

## New Gerontology Career Certificate

Foothill College has developed a dynamic curriculum that focuses on the study of aging. The classes are ideal for students, young and old, who are interested in learning more about the physical, mental, social and spiritual changes in people as they age. You can begin coursework in the new 25-unit Gerontology Career Certificate Program when Winter Quarter gets under way **Jan. 3**.

Gerontology topics apply to a variety of professions, from adaptive fitness, respiratory therapy, nursing and other health care-related fields to professions such as real estate, financial planning, leisure and recreation companies, adult day service programs, long-term care facilities, community organizations and education providers to name just a few.

In approximately one year, you can earn the program's career certificate by completing a total of 25 units, including seven units from a group of support courses as well as 18 units from the program's six core courses, which include:

- GERN 50: *Sociology of Aging* (3 units);
- GERN 51: *Psychology of Aging* (3 units);
- GERN 52: *Health & Aging* (3 units);
- GERN 53: *Practicum in Senior Services* (3 units);
- GERN 55: *Issues in Death, Dying & Bereavement Across Cultures* (3 units); and
- SPED 55: *Geriatric Fitness Concepts* (3 units).

The courses can also be used as continuing education units for licensed clinical social workers, and marriage and family therapists by the state Board of Behavioral Sciences (Provider #PCE 4254) and registered nurses by the state Board of Registered Nursing (Provider #CEP 3389).

To learn more about the certificate, access [www.foothill.edu/aging](http://www.foothill.edu/aging). For registration instructions, call (650) 949-7325 or access [www.foothill.edu](http://www.foothill.edu).



## Adapted Physical Education

Foothill's Adapted Physical Education Program will offer more of its specialized classes this winter. Classes such as deep-water walking, postural fitness, and stretching and flexibility offer you modified fitness activities, and individual and group instruction.

Adapted physical education courses are ideal if you are starting an exercise routine or if you're returning to workouts after an injury or surgery (after physical therapy). The classes are also a fitness option for students who have developmental disabilities as well as individuals with chronic conditions such as arthritis, asthma, diabetes and high blood pressure.

For registration instructions, call (650) 949-7325 or access [www.foothill.edu](http://www.foothill.edu).



Put It to Use!

## Applied Anthropology Is Asset to Many Careers

Put anthropology to use and learn to use its tools to better understand and solve the problems that arise as a result of cultural change, modernization and globalization when you enroll in Foothill's new four-unit ANTH 12: *Applied Anthropology* course. Offered for the first time this winter, the class focuses on using anthropological theories and perspectives in real-world contexts to suggest real-world solutions.

In addition to investigating the use of technology in field anthropology settings, the course will introduce you to a variety of professions in which the study of mankind is a key asset, including anthropology and health care; anthropology and advocacy, including social work settings; anthropology and law; organizational and business anthropology; and land and resource management and anthropology.

Dental Hygiene Program

## Free Application Workshop

Get answers to your questions about applying for Foothill's Dental Hygiene Program by attending the free application workshop **Wednesday, Jan. 12, at 5:30 p.m. in Room 5302**.

This popular program has a selective admission process, so it's smart to plan ahead, be informed and understand what types of information to include on the application.

Workshop participants should print out the *2011 Dental Hygiene Application Form* which is available online at [www.foothill.edu/bio/programs/dentalh/app.php](http://www.foothill.edu/bio/programs/dentalh/app.php).

Also, bring pen/pencil, highlighter and paper to take notes.

Though not required for the workshop, you may bring unofficial copies of your college transcripts. If you have additional questions about the workshop, e-mail [WestKerry@foothill.edu](mailto:WestKerry@foothill.edu) or call (650) 949-7538.



## Give Us Six Hours on a Saturday & We'll Give You Tech Skills

FastTech is an affordable and efficient way to acquire and upgrade computer skills that you can put to work immediately in your career and personal life. Each half-unit Saturday class is hands-on and provides essential skills for your computing needs. Winter FastTech classes, which start at **9 a.m.** at the Krause Center for Innovation (KCI) at Foothill College, include:

- Building websites, blogs and wikis
- Google applications
- Photoshop
- Video podcasting
- Flash
- Desktop publishing
- Video editing
- and more

For registration instructions, fees and course meeting dates and times, call (650) 949-7680 or access [www.foothill.edu/kci](http://www.foothill.edu/kci).

## Free Technology Training Classes for Educators

The KCI has teamed up with the Resource Area for Teaching and Adobe Systems Incorporated to present a series of technology training courses offered at no cost to K-12 and community college instructors. Adobe Youth Voices Teacher Training emphasizes learning outcomes that are possible by using Adobe products. Classes in the series include:

- Photoshop
- Flash (animation and storytelling)
- InDesign (desktop publishing)
- Premiere (video)
- Illustrator

Non-educators, who must pay enrollment fees, may register on a space-available basis. To register, call (408) 451-1421 or access [www.raft.net/workshops/adobe](http://www.raft.net/workshops/adobe).

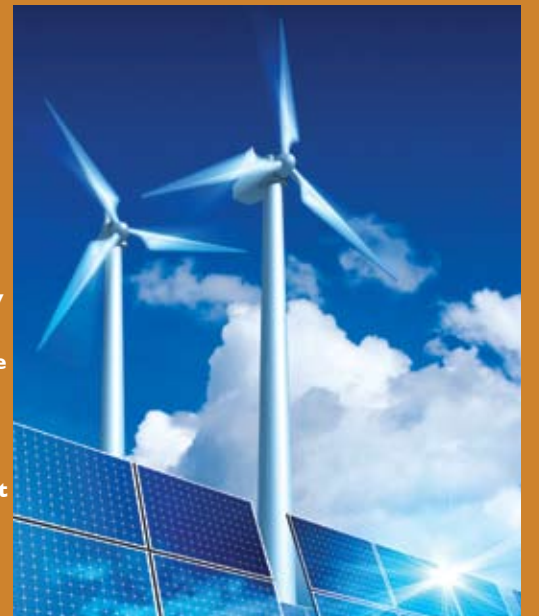
Hope or Hype?

## Overview of Clean Technology

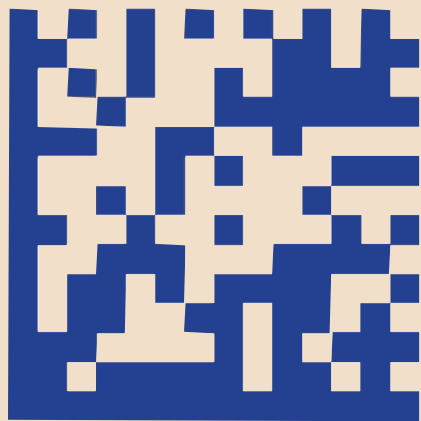
Learn about the hope and hype of the clean technology revolution that will impact the near- and long-term future of the Silicon Valley, the U.S. and the global community by enrolling in Foothill's ENGR 600: *Overview of Clean Technology* course. This class is designed for all audiences, and you don't need a background in science or technology to enroll.

The evening course will introduce you to clean technology through a variety of perspectives, including energy security, global warming and sustainability. You'll also learn about the current energy infrastructure, renewable energies, efficiency and transportation.

For registration instructions, call (650) 949-7325 or access [www.foothill.edu](http://www.foothill.edu).



For registration instructions, call (650) 949-7325 or access [www.foothill.edu](http://www.foothill.edu). California residents pay \$17 per unit.



www.foothill.edu/fga

Foothill Offers More Online Classes Than Any Other Bay Area Community College

Learn More with Your Phone

Visit your mobile phone's app store and download a QR reader then scan this code. You'll be taken right to the online course website.

Earn your associate degree or specialty certificate when you enroll in online classes offered by the Foothill Global Access (FGA) Program. Degrees and certificates available online include:

- Associate in arts degrees in anthropology, art history, economics, general studies/social science, geography, history, music technology, psychology and sociology;
Associate in science degrees in computer software development and database management;
Certificates of achievement in art history, MCITP server administrator, geography, object-oriented software using C++, office manager/general office, Oracle database administration and Oracle database developer;
Certificates of specialization in general sociology and sociology/social welfare;
Certificates of proficiency in archaeology, cultural anthropology and medical anthropology; and
Career certificates in e-commerce and electronic business.

FGA also partners with CSU East Bay, Franklin University and the University of Illinois at Springfield to provide Foothill students with the opportunity to complete select bachelor's degree programs online.

For details about online courses, degrees and certificates, access www.foothill.edu/fga.

Winter Quarter 2011 Online Classes

Table with 6 columns: Course ID, Course Name, CRN #, Course ID, Course Name, CRN #. Lists various online courses such as Financial Accounting, Managerial Accounting, and Computerized Accounting Practices.

Online Course Spotlight



Accounting Courses You Can Count On

Whether you're thinking of pursuing an accounting career or you're currently an accounting professional, our online courses give you the continuous learning your industry demands. From accounting for small business to advanced tax accounting, Foothill offers you 11 online accounting courses this quarter, including ACT 1A: Financial Accounting I; ACTG 1B: Financial Accounting II; ACTG 1C: Managerial Accounting; ACTG 51B: Intermediate Accounting II; ACTG 60: Accounting for Small Business; ACTG 64A: Quickbooks; ACTG 64B: Excel; ACTG 65: Payroll/Business Tax Accounting; ACTG 66: Cost Accounting; ACTG 67: Tax Accounting; and ACTG 68B: Advanced Tax Accounting II.

Bite into the Dental Hygiene Profession

Get an introduction to the dental hygiene profession by enrolling in the 1.5-unit DH 200L online course. You'll learn dental terminology, and study clinical and lab techniques related to dental hygiene clinical practice. Licensure requirements will also be discussed.

5, 6, 7, 8: Dance History

In salsa clubs, ballroom floors and on your television, dancing is a red-hot trend. Learn more about this expressive performing art in the four-unit DANC 10: Topics in Dance History online class. You'll study the evolution of dance from its roots in ancient rituals to today's popular moves. In addition to exploring the influences and emergence of dance styles of world cultures, you'll learn how to appreciate dance from a technical, artistic and historical perspective. The course also emphasizes the key artists and events that have created and shaped the art of dance.

Writing in English With Confidence

Develop the skills you need to write in English with confidence by enrolling in the three-unit ESL 248: Advanced Grammar Review online course. Designed for students whose first language is not English, the class emphasizes the structures used in academic and professional writing.

Social Relationships & Human Behavior

When you people-watch at the mall or tune into a reality television program, you're participating in sociology—the study of people. We can relate to others when we watch them argue, forge alliances, compete, cooperate, laugh, cry, lose and triumph. Learn how sociology allows us to explore the complexities of social relationships and human behavior by enrolling in the five-unit SOC 1: Introduction to Sociology online class.

Study Pop Culture

Learn what Glee, vampires, Don Draper and "trending" has in common as you explore popular culture. Enroll in the four-unit FA 1: Introduction to Pop Culture online class, and you'll examine provocative theories, including is pop culture slick, stupid or making us smarter; is it the will of the people or indoctrination and social control; and have mass tastes destroyed high culture.

Career in Engineering, Architecture, Interior Design? Then You Need AutoCAD.

If you're considering a career in mechanical engineering, architecture, interior design or civil engineering, Foothill's comprehensive Computer-Aided Drafting (CAD) course series gives you fundamental skills that you'll need to successfully compete for a career in these professions. You can complete a variety of AutoCAD courses online this fall, including CAST 63A: Introduction to CAD Using AutoDesk & AutoCAD and CAST 63B: Advanced CAD Using AutoCAD Software.

For registration instructions, call (650) 949-7325 or access www.foothill.edu. California residents pay \$17 per unit.