

Periodicals

ECRWS

Foothill Fits Your Schedule		
Quarter	Classes Start	Classes End
Spring 2015	April 6	June 26
Early Summer 2015	June 8	July 18
Summer 2015	June 29	Aug. 9
Fall 2015	Sept. 21	Dec. 11
Winter 2016	Jan. 4	March 25

MORE Classes MORE Choices MORE Often

Register Online

It's easy to register for classes at Foothill College. Review the searchable class schedule and registration instructions at www.foothill.edu.

Spring Quarter 2015 Registration Dates

Continuing Students (you were enrolled in Foothill winter classes)
Online Registration
 March 6–April 5

New & Former Students
Online Registration
 March 9–April 5

Spring Quarter Classes Begin April 6
 Register Online • www.foothill.edu



Scan with Your Smart Phone
 Access the Foothill College website.



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Foothill-De Anza Community College District Board of Trustees

Joan Barram; Betsy Bechtel; Laura Casas; Pearl Cheng; Bruce Swenson; Evelyn Chun, Foothill Student Trustee; Melissa Epps, De Anza Student Trustee

Program Offerings

Foothill College offers courses toward a specialized certificate, associate degree, skills upgrade, personal development, and to fulfill general education requirements for transfer to a university. A complete listing of Foothill College program offerings is available online at www.foothill.edu. For information on fee-based, not-for-credit classes and workshops, access www.foothill.edu/extension.php.

Accreditation

Foothill College is accredited by the Accrediting Commission for Community and Junior Colleges (ACCJC), Western Association of Schools and Colleges. This organization is recognized by the Council for Higher Education Accreditation and the U.S. Department of Education.

This publication was funded in part by the California Community Colleges Chancellor's Office. Perkins IC 2014–2015 Agreement #14-C01-016. • PIO 2946 The Heights 4.15

High School Students Take Foothill Classes Now

As a high school student, you're eligible to enroll in Foothill classes, and spring is a great time to take a college-level course.

We've created a website with all of the information that high school students (and their parents) need to register for classes.

Read the eligibility instructions and download required forms at www.foothill.edu/hs. For more information, call (650) 949-7423.



The HEIGHTS

Spring Quarter Classes Begin April 6, 2015

Foothill College has classes for every interest, including university transfer, career training, professional development, basic skills improvement and personal enrichment. Review the searchable class schedule at www.foothill.edu.

Register now through April 5.

Spring Quarter classes begin April 6.

Register early for best course selection. Classes will fill quickly. Plan ahead, register, pay fees and take *Counseling 5*.

Foothill College Extension

Take or Teach New Classes & Workshops

Science, Politics, Religion & Ethics

The Birth of Modern Thought

Level Up

Music for Games & Interactive Media

Physics Without Math & Jargon

Everything You Want to Know about Einstein

History Happens Here

California, The Multicultural State

Integrating Field Study & Hands-On Experience

Archaeology & Anthropology in Ireland This Summer

Green Chemistry

Balancing Chemistry, Humanity & The Environment

Earn \$4,200 per Academic Year

STEM Scholarships

Plenty of Time for Sun & Fun

Two Convenient Summer Sessions

Coming This Summer

Bridge Program Will Improve Your Math Skills

Online Course Spotlight

Research Paper Search Strategies; Are You Right for a Health Care Career?; Ableton Live, The Music-Production Solution; Accounting for Small Business; Connect to the Visual World; and Online Calculus Courses



Workforce Training That Works

Foothill to Offer Bachelor's Degree in Dental Hygiene

For the first time in its 57-year history, Foothill College will award bachelor's degrees to dental hygiene students who complete the state's new limited pilot program. Foothill recently received initial approval to participate in the program from the California Community Colleges Board of Governors in consultation with the CSU and UC systems.

"This is a historic time for California, for community colleges, for employers and most importantly, for our students," says Foothill-De Anza Chancellor Linda M. Thor, Ed.D. "The opportunity for local community colleges to address regional needs for highly skilled workers will benefit the local economy enormously. And the opportunity for community college students to earn an in-demand bachelor's degree without leaving home or going into debt will enrich lives and change futures."

"We're making history! We are thrilled that Foothill students will have the very real opportunity to complete a bachelor's degree at a reasonable cost from one of the country's most highly respected dental hygiene programs," says Foothill Dental Hygiene Program Director Phyllis Spragge, RDH, M.A. "We're also performing a tremendous service to our community by improving the high quality of dental hygiene care in California."

California offers no baccalaureate degree-level dental hygiene programs at its UC or CSU campuses. The only such programs in the state are at private universities. Tuition at these private institutions ranges from \$43,000–\$70,000 per year. At Foothill, lower-division coursework is \$31 per unit. The new upper-division coursework will cost about \$84 per unit, with an estimated total cost of \$10,000 to complete the bachelor's degree in dental hygiene.

Foothill expects to offer the first dental hygiene bachelor's degree course in Fall 2016. To begin the program, Foothill must also secure approval from the Accrediting Commission for Community and Junior Colleges (ACCJC) and the Commission on Dental Accreditation (CODA).



(continued on page 2)



The HEIGHTS

Spring Quarter Classes Begin April 6, 2015



STEM Science, Technology, Engineering, Mathematics

Earn \$4,200 per Academic Year Apply for STEM-Related Scholarships

Is working a part-time job taking your time and focus away from becoming a successful student? Would a \$4,200 scholarship help you become or remain a full-time college student? Could you use extra cash for textbooks and computer gear?

If you answered yes to any one of these questions, apply now for one of the more than 20 science, technology, engineering and mathematics (STEM) scholarships worth \$4,200 each that Foothill College will award this year. Funded by the National Science Foundation and Foothill College Science Learning Institute, the scholarships are not loans and you are not required to repay the money.

To review the scholarship application, criteria and deadline information, access www.foothill.edu/aid.



Balancing Chemistry, Humanity & The Environment

Green Chemistry

Discover why green chemistry matters—no matter what your academic major is. As one of the most significant emerging fields in modern chemistry, green chemistry balances the optimum use of chemistry with the well-being of humanity and the environment. This spring, get an introduction to green chemistry in the *CHEM 20* course.

You'll explore chemistry in a new way, learning the essentials of atoms, molecules, compounds and reactions as you examine environmental topics such as alternative fuels, global warming, the proliferation of plastics, and the impact human activity has on our fragile atmosphere.

You'll use Foothill's new atomic emission instrument to conduct lab experiments as you examine bioplastics, synthesize biodiesel, and compare these properties to other fuels. You can also study an environmental topic that's important to you and report your findings to the class. The *CHEM 20* course is excellent preparation for Foothill's three-course general chemistry series (*CHEM 1A*, *1B* and *1C*).

The five-unit *CHEM 20* course transfers to CSU and UC. For registration instructions, access www.foothill.edu.

New Course Geospatial Technologies

Explore how we visualize the world around us by enrolling in the *GIST 11: Introduction to Mapping & Spatial Reasoning* course this spring. Learn why harnessing geospatial technology is particularly important to the private sector, nonprofit organizations, government agencies and others that must demonstrate how market, population and other data change over time.

In addition to exploring map reading, how to create an effective map, compass and GPS use, and how mapping can promote sustainability, the course features extensive use of technology, including evaluating digital mapping tools on smart phones, tablets and computers. Understanding mapped data is an essential skill in nearly every academic discipline and many professions.

"Foothill's *GIST 11* is a fun class, too," says Geography & Geospatial Technology Instructor Allison Lenkeit Meezan, M. Phil. "The class is organized around meaningful hands-on group exercises. During each class meeting, you and your fellow students will team up to conduct exercises that expand upon the material presented in course lectures. This gives you the opportunity to delve into the material and have some really fun discussions."

GIST 11 is a core course for the geospatial technology certificate, and counts toward many different transfer majors such as anthropology, business administration, geography, history and political science. The four-unit course transfers to CSU and UC. For registration instructions, access www.foothill.edu.

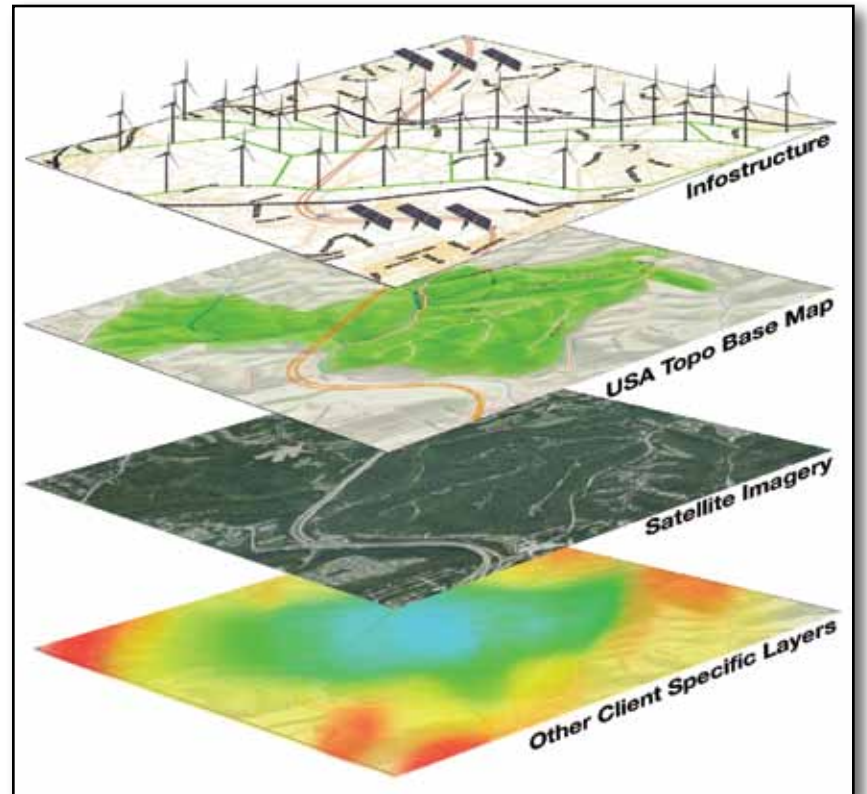


Image courtesy Creative Commons

Challenge Yourself Foothill Honors Institute

Dig deeper and learn more by participating in the popular Foothill College Honors Institute. Featuring specialized courses and transfer scholarship opportunities, honors courses tend to be more challenging. This spring, Foothill offers numerous honors courses in a variety of disciplines, including astronomy, communication, economics, English, history, music, photography, political science and sociology.

Transfer universities recognize the value of the Foothill Honors Institute and actively pursue honors students. As a result, Foothill College is one of an elite few Northern California colleges that participate in the UCLA Transfer Alliance Program (TAP). In fact, 70 to 95 percent of students who participate in TAP are admitted to UCLA's College of Letters & Science compared to 14 to 20 percent of all other transfer applicants. Foothill honors students are also eligible for guaranteed admission to CSU East Bay and San Francisco State, as well as priority admission consideration and guaranteed housing at UC Irvine.

To review eligibility requirements and apply, access www.foothill.edu/hon.

Integrating Study & Hands-On Experience Archaeology & Anthropology in Ireland This Summer

Explore castles, moated sites and ancient settlements in Ireland this summer as you earn college units and learn about archaeology and applied cultural anthropology. Under the leadership of Foothill Anthropology Instructor Sam Connell, Ph.D., the four-week field study will focus on native Irish resistance to the English invasion in the 12th and 13th centuries.

Set for July 4–Aug. 1, the project is based at Ballintober Castle in County Roscommon. You'll concentrate on finding new archeological sites and participate in all aspects of the project, including surveying, mapping and artifact recording. In addition to fieldwork, you'll study Irish culture by visiting major attractions and working with a living history museum to conduct experiments in medieval technology. You'll also earn 12 units and complete an exciting program that includes cultural excursions, lectures and service learning projects.

Throughout the experience, you'll discover how the application of applied anthropology pertains to the modern world. No prior experience in anthropology is necessary. More than 200 Foothill students and community members of all ages and abilities have participated in Foothill's field study programs.

Learn about the curriculum, fees and travel details by attending a free information session March 18 or April 22, at noon and again at 6 p.m. in Room 3102. You need only attend one session.

For more program information, call (650) 949-7197 or access www.foothill.edu/anthropology.



Offered at Middlefield Campus & Online Health Matters

Develop a better understanding of what it means to live a healthier lifestyle in the *HLTH 21: Contemporary Health Concerns* course. Taught online and evenings at the Foothill Middlefield Campus in Palo Alto by registered respiratory therapist and perinatal pediatric specialist Shirley Treanor, Ed.D., the class emphasizes nutritional behavior, mental health, disease prevention, substance abuse and other timely health-related issues.

You'll study a variety of thought-provoking topics, including the importance of immunizations; public bias toward aging, diabetes, epilepsy, STDs and other types of disease; and culturally related health behaviors and their associated consequences.

The four-unit course transfers to the CSU and UC systems. For registration instructions, access www.foothill.edu.



Intellectual Heritage of the Western World Explore the Birth of Modern Thought

Study the roots of contemporary scientific views, political systems, religious attitudes and ethical assumptions in the *PHIL 20B: History of Western Philosophy* course this spring.

Beginning with the Copernican revolution, you'll examine the philosophic period that led the Western world out of the Dark Ages.

In addition to discovering the origin of contemporary moral concepts and how scientific methodology has changed our relationship to the Western concept of God, Philosophy Instructor Mona Rowel says that the *PHIL 20B* course is ideal for students who want a better understanding of modern thought and its origins. You'll discover why we stopped thinking the Earth was the center of the universe and what that meant for our collective world view, as well as how we came to the conclusion that government should be concerned with the rights of its citizens.

The four-unit course transfers to CSU and UC. For registration information, access www.foothill.edu.



History Happens Here California, the Multicultural State

From the railroad barons to the dot-com boom, learn about California history in the *HIST 10: California, The Multicultural State* course this spring. You'll study California's complex roles in the Gold Rush to today's innovation economy, including the railroad era, Great Depression, World War II, turbulent '60s and the present. You'll also find out why California is the most diverse place in the U.S. and perhaps the world.

The four-unit course transfers to CSU and UC. For registration instructions, access www.foothill.edu.



Level Up Your Gaming Skills Music for Games & Interactive Media

Learn the core skills, industry-standard workflows and concepts involved in composing and implementing music for games and interactive multimedia in the *MUS 84C: Music Composition for Games* course this spring. The class is ideal for composers, musicians, sound editors and students who want to create music for video games.

Find out how modern implementation tools enable your music to dynamically interact with the player. You'll learn about composing for virtual orchestra, as well as strategies for blending orchestral instruments with drum machines, synthesizers and electric guitars. The course features studio demonstrations, recording sessions and hands-on practice with sample game music on desktop, console and mobile platforms.

The four-unit course transfers to CSU. For registration instructions, access www.foothill.edu.



Bachelor's Degree in Dental Hygiene (continued from front cover)

Spragge says that Foothill's dental hygiene program was selected for the statewide pilot based on the academic rigor of the program, the number of units it requires for completion of the associate degree, the strength of the job market, and the increasing need for dental hygiene care in California.

Since its inception in 1964, the Foothill College dental hygiene program has experienced an impressive history of academic and career-training excellence. In fact, the program's history includes a 100-percent pass-rate on the dental hygiene national board examination for the past 50 years. Students learn from experienced, caring faculty; train in state-of-the-art clinical facilities; and are supervised at all times as they work on patients. Accredited by CODA and ACCJC, the program's curriculum includes comprehensive study of basic sciences, oral anatomy, public health, nutrition, clinical dental hygiene, periodontics, pathology and radiology.

Foothill Offers Two Six-Week Summer Sessions

This summer, you can complete one or a few classes and still have plenty of time for sun and fun! Foothill College offers you two summer sessions that run just six weeks:

- Early Summer Session runs June 8–July 18; and
- Summer Session runs June 29–Aug. 9.

Each session features general education courses for transfer students, university students home for the summer who need to pick up a class, and recent high school graduates who want to get an early start. You can choose from a variety of on-campus and online class options.

Summer Session Registration Dates

Continuing students (you were enrolled in spring courses at Foothill) register May 7–June 7. Review your date to register, register for courses and pay fees by accessing your **MyPortal.fhda.edu** account.

New and former students register May 7–June 7 after submitting the college's online *Application for Admission* and creating a **MyPortal.fhda.edu** account. There is no fee to apply.

Foothill's summer class schedule will be posted online in late April. Access the schedule at that time to select classes and get important registration instructions at www.foothill.edu.

Coming This Summer

Bridge Program Can Improve Your Math Skills

Big! That's the impact that the first math course you take in college can have on the overall time that it will take you to complete an associate degree, career-training certificate or university transfer requirements. This summer, Foothill College will help you improve your math skills so that you don't spend time or money taking classes that you don't need to graduate or transfer.

Summer Bridge Math is the perfect solution if you were challenged by math in high school.

Two sessions of the program will be presented. Choose from Aug. 3–13 or Aug. 17–27.

For registration instructions, e-mail ReedEric@foothill.edu.



Physics Course Celebrates International Year of Light Everything You Want to Know about Einstein But Were Afraid to Ask

This spring, Foothill presents its *PHYS 12: Introduction to Modern Physics* course, which is affectionately known as "everything you want to know about Einstein (and his work) but were afraid to ask." The course also takes a brief look at the effects that physics ideas have had on poetry, fiction, music and the public view of scientists.

A recipient of the Innovation of the Year Award for California's community colleges, the popular course begins with the ideas of Isaac Newton and concludes with the work of Stephen Hawking. Taught by Astronomy Instructor Andrew Fraknoi, who was named California Professor of the Year in 2007, *PHYS 12* explains Einstein's revolutionary ideas in everyday language using analogies, visuals and humor instead of math and technical jargon.

The evening course coincides with the U.N.'s International Year of Light as well as the 100th anniversary of Einstein's General Theory of Relativity. The class emphasizes key ideas that form the basis of modern concepts of space, time, matter and energy, including how atoms work; energy, heat and the arrow of time; what happens when you travel close to the speed of light; gravity, space-time warps and black holes; and the bizarre rules that govern the world inside the atom.

The five-unit course transfers to CSU and UC. For registration instructions, access www.foothill.edu.



Repeat the Classes You Like Best Foothill Now Offers Extension Classes

Through its new extension program, Foothill College now offers an exciting selection of fee-based, personal enrichment classes and workshops.

This spring, you can choose from a variety of offerings, including fitness, choreography, radio broadcasting and emergency medical technician challenge series, as well as a comprehensive selection of online classes for personal growth and certification/licensure. Community members may submit proposals for future extension classes.

Extension classes are ideal for those interested in taking a college-level course without the formality of units or who wish to repeat select courses multiple times.

For registration instructions or to submit a proposal for an extension class, call (650) 949-6955, e-mail middlefield@foothill.edu or access www.foothill.edu/extension.



