

Construction and Energy Management

The Program

You receive a basic background in the planning and management of all types and phases of construction projects.

Getting your education at Cabrillo means you'll be fully prepared for a successful career in the construction industry. And when you graduate, you will find a wide variety of employment opportunities available in California and the U.S.

We also offer a variety of classes for career advancement positions if you are already employed as a contractor, supervisor, inspector, project manager, estimator, scheduler or other job related to construction.

Depending on your course of study, you will be prepared for:

MANAGEMENT

Construction management, estimating, scheduling, law, construction business, blueprint reading, sustainability and "green"/efficient home planning and implementation.



Building, plumbing, mechanical, energy and electrical codes.

ENERGY

Sustainability, LEED (leadership in energy efficient design), home performance and environmental awareness, photovoltaic and solar thermal design and installation.



HANDS-ON SKILLS

For residential construction: foundation layout, framing and specialty applications included in front-end & back-end construction.

In addition, in class you'll:

- See how and which computer applications are used in the construction industry.
- Create schedules, read blueprints, prepare estimates, experience construction business and law applications.
- Augment your skills if you're already working in such fields as real estate, construction finance, facilities management, property management, planning and energy use analysis.
- Broadening your existing technical construction skills.
- Gain a better understanding for purchasing, owning or building a home.

Depending on your major, you could graduate with an A.S. degree, a certificate of achievement or a skills certificate. We strongly recommend you meet with a Cabrillo counselor who will help you figure out which option is right for you.



EMPLOYMENT

Most of our graduates find immediate employment in entry-level and mid-management positions such as project manager, site supervisor, estimator, scheduler and owner's site representative. Many opt for employment as a building inspector for either government agencies or private companies.

For more information:
cabrillo.edu/academics/cem



How To Enroll

STEP 1 You may apply online at www.cabrillo.edu. If you have any questions, contact the Cabrillo College Admissions & Records Office in Building

100 of the Aptos campus located on 6500 Soquel Drive, phone (831) 749-6201; or in Watsonville on 318 Union Street, phone (831) 786-4701.

STEP 2 You will receive registration information in the mail including your time to begin registering.

Who May Enroll

Cabrillo College is open to anyone 18 years of age or older, or anyone with a high school diploma or proficiency certificate. High school students also may attend classes at Cabrillo on a limited basis with the permission of their high school principals.

Nondiscrimination Policy

Cabrillo Community College does not discriminate on the basis of ethnic group identification, national origin, religion, age, sex, race, color, physical or mental disability, or sexual orientation in any of its policies, procedures, or practices. This nondiscrimination policy covers admission and access to, and treatment and employment in, the college's programs and activities, including vocational education programs. Limited English language skills will not be a barrier to admission to and participation in vocational education programs.

Plan De Acción No Discriminatoria

Cabrillo Community College no discrimina a base de identificación con grupos étnicos, nacionalidad de origen, religión, edad, sexo, raza, color, incapacidad mental o física ni orientación sexual en ninguna de sus reglamentaciones, procedimientos o prácticas. Este plan de acción no discriminatoria incluye la admisión y el acceso a los programas y actividades, y el tratamiento y el empleo en los mismos, incluyendo la educación vocacional. Tener limitadas destrezas en el idioma inglés no constituirá una barrera para ser admitido o participar en los programas de educación vocacional. 6/11

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"Students of all ages... learn and refine the necessary skills to be a successful Project Manager. My studies at Cabrillo have benefited my career as a Construction Project Manager significantly."

—Michael Soik

Project Manager - LEED AP
(Leadership in Energy Efficient Design)
San Jose Construction Co., Inc.



The Profession

Enjoy working outdoors?

Like working with your hands?

Got an eye for fine detail?

Concerned about efficiency and sustainability?

Construction energy management professionals are in high demand—especially those who have been well-trained, communicate well, have good technical skills, and are current on the latest information and technologies in the construction industry.

