

CIVIL ENGINEER CORPS (510X)



Civil Engineer Corps Community

overview. As a Navy Civil Engineer Corps (CEC) officer, you'll join a special group of officers in charge of engineering, management, planning, construction and maintenance of the Navy's shore facilities. You'll work in a variety of locations around the world in highly visible positions supervising many skilled personnel. From the very beginning, you'll get engineering management experience, responsibility and authority far exceeding that offered by a private firm. The Navy is more than ships, submarines and aircraft at sea. Hundreds of naval shore facilities worldwide—like small cities with hospitals, airfields, power plants, housing, stores, office buildings and much more—make up the fleet support establishment. As a Civil Engineer Corps officer, you may work in any or all of the following three areas:

Contract Management. More than \$4 billion worth of design and construction is performed every year by civilian construction and engineering firms under Navy contracts. These contracts will be your responsibility as the primary contact between the contractor and the Navy. As a junior officer, you can expect to oversee and gain experience managing multi-million dollar contracts. You'll review designs and prepare, solicit and award contract bid packages. You'll supervise construction, identify problems and devise solutions. Navy Civil Engineers also negotiate technical and financial modifications to contracts and approve completed work.

Facilities Management. You'll operate and maintain the complex facilities and utilities systems at shore activities by managing a large and diverse work force of civilian and military personnel. At facilities management jobs, you'll approve and execute the designs of trained engineering staffs. In facilities management, you'll identify, analyze, plan, budget, schedule and execute needed work and repair. Planning future requirements of naval facilities is a major responsibility.

Construction Battalions. The "Can Do" spirit of the Seabees is legendary. Performing most of their work overseas, Navy construction battalions maintain the Navy's mobile construction capabilities

supporting Overseas Contingency Operations and the Fleet Marine Force in amphibious operations. They build roads, airstrips, bridges, port facilities, utility systems and any type of building, often in unique and out of the way locations. As a junior officer, you'll be in charge of these military construction companies, made up of 400 to 600 enlisted men and women. This is your opportunity to learn an important skill unattainable through academic study alone—leadership.

Training pipeline following

commission. After 12 weeks of Officer Candidate School (OCS), new CEC Ensigns attend the Basic Course at the Civil Engineer Corps Officer School (CECOS) in Port Hueneme, CA. The Basic Course consists of 10 weeks of CEC orientation along with 6 weeks of basic government contracting principles for a total of 16 weeks.

Civil Engineer Corps Officer School -

Located in Port Hueneme, Calif., Civil Engineer Corps Officer School provides you training you'll need as a new Civil Engineer Corps officer in your first assignment. Areas include management, military readiness, military justice, personnel administration and courses deemed necessary to prepare you to work in contract management, public works/facilities management and construction battalions.

Advanced Education and Training. As a Civil Engineer Corps officer, you'll have many opportunities to develop your professional skills through courses offered by the Civil Engineer Corps School and Naval Facilities Contract Training Center. All career officers receive fully funded postgraduate education at a variety of civilian universities which allows you to earn a master's degree in a variety of engineering-related fields or a financial management degree at the Naval Postgraduate School in Monterey, Calif. You also could receive advanced military education through service colleges such as the Naval War College, the Industrial College of the Armed Forces and the National War College.

Locations of initial fleet assignments.

Upon graduation from CECOS, new officers are assigned an initial tour of duty with a Construction Battalion or a

Facilities Engineering Command.

This duty assignment of two or three years provides valuable leadership experience in the Seabees as well an introduction to facilities management or construction contracting. Those qualified individuals selected for the Ocean Facilities Program attend one of several Navy-approved post-graduate schools offering a Masters degree in Ocean Engineering, earn an 1103P subspecialty code and serve in challenging ocean facilities jobs.

Professional Registration. The Civil Engineer Corps is made up of engineers and architects. Our community requires career officers to work towards and attain professional engineering or architecture registration. Engineers should take their Engineer-in-Training (EIT or FE) exam and architects should start a National Council of Architectural Registration Boards (NCARB) file as early as possible. Experience towards professional registration is gained while working in our three types of jobs.

Basic eligibility requirements. A Civil Engineer Corps officer must possess, an accredited engineering degree, preferably in **civil, mechanical, electrical, ocean, industrial, environmental, or construction engineering**, or an accredited **architecture** degree. Engineers with EIT certification are preferred. **Please include EIT certification and document any construction and/or engineering experience in the package.**

Web site. For more information check out our website at:

<http://cec.navfac.navy.mil/>

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