



# NAVY CIVIL ENGINEER CORPS

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**ENGINEERS AND ARCHITECTS**

**MAKING A DIFFERENCE AROUND THE GLOBE**

# WHAT WILL YOU DO IN THE CEC?

## FACILITIES ENGINEERING

- ❖ Construction and contract management
- ❖ Base utilities, maintenance, planning
- ❖ Real estate and environmental



## EXPEDITIONARY ENGINEERING

- ❖ Lead Sailors
- ❖ Train to deploy in contingencies
- ❖ Humanitarian Assistance/Disaster relief

## STAFF AND PROGRAM ADMINISTRATION

- ❖ Instructor, training, graduate school
- ❖ Exchange programs
- ❖ Accessions and Detailing





# FACILITIES ENGINEERING

Construction and Contract Management  
Base Utilities, Maintenance, and Planning  
Real Estate and Environmental Stewardship



**NAVFAC**  
Naval Facilities Engineering Systems Command  
NAVFAC Atlantic





# FACILITIES ENGINEERING



## CONSTRUCTION AND CONTRACT MANAGEMENT

- ❖ Construction project management
- ❖ Technical representative for Contracting Officers
- ❖ Federal Acquisition Regulation

## BASE UTILITIES, MAINTENANCE, AND PLANNING

- ❖ Power distribution, drinking water, wastewater, HVAC
- ❖ Facility repairs and grounds maintenance
- ❖ Customer service for Navy and Marine Corps facility users
- ❖ Project proposals, contract awards, and long-term budgeting

## REAL ESTATE AND ENVIRONMENTAL STEWARDSHIP

- ❖ Inventory management and out-leasing
- ❖ Environmental regulations compliance





# EXPEDITIONARY ENGINEERING

Seabees - Naval Construction Battalions  
Marine Corps and Special Warfare



CONSTRUCTION

BATTALIONS





# EXPEDITIONARY ENGINEERING



## SEABEES (CB = Construction Battalions)

- ❖ Navy Sailors with construction trade skills
- ❖ Construction and defensive combat training for 12 months, deploy for 6 months – We build – We fight!
- ❖ CEC officers lead Seabee units for:
  - ❖ Advance base construction
  - ❖ Repairing ports, airfield, roads
  - ❖ Underwater construction
  - ❖ Training exercises with partner militaries
  - ❖ Humanitarian Assistance and Diplomacy
    - ❖ Building schools and medical clinics
    - ❖ Natural disaster relief

## MARINE CORPS ENGINEER SUPPORT

- ❖ Liaise with Marine Corps leaders and advise on employment of Naval engineering forces

## SPECIAL WARFARE LOGISTICS SUPPORT

- ❖ Deploy with Special Warfare (SEAL) units, lead construction and logistics support units





# APPLY FOR THE CEC COLLEGIATE PROGRAM AND GET PAID +\$5,000/MONTH\* WITH A FULL-TIME JOB OFFER!



## COLLEGIATE PROGRAM DUTIES

While a student:

- ❖ Maintain standards (Fitness, legal, ethical)
- ❖ Maintain grades
- ❖ Graduate on time

Upon graduation:

- ❖ Officer Candidate School
- ❖ Four years active duty, four years inactive reserves



## SALARY AND BENEFITS

- ❖ Not ROTC, and not a scholarship – Your job is to finish school!
- ❖ \$3,800–\$6,400\* per month, based on location, cost-of-living, and time in the program
- ❖ Summer internships are allowed
- ❖ No uniform, no drill
- ❖ Accrue vacation days
- ❖ Medical and dental insurance
- ❖ Base access



# BENEFITS AND LICENSURE



## LICENSURE

- ❖ Professional Engineering (PE) License or Registered Architect (RA) encouraged and required to advance
- ❖ PE prep and exam fees paid for
- ❖ Continuous education and certification opportunities



## BENEFITS

- ❖ +\$100k salary within 4 years
- ❖ 30 days paid vacation per year
- ❖ GI Bill – Free college for dependents
- ❖ Purchase a home with 0% down
- ❖ 401k and Pension
- ❖ Veteran status after 2 years of service





# BENEFITS: GRADUATE EDUCATION

## 100% FREE MASTER'S DEGREE

- ❖ Between 4-10 years of service
- ❖ Full-time student, no other duties
- ❖ Completely free – Navy sponsored\*
- ❖ Maintain full salary and benefits
- ❖ Required for career progression
- ❖ Your choice of school, with restrictions

## DEGREES OFFERED

- ❖ Civil: Construction, Structural, Environmental, Geotechnical, Public Works and Planning
- ❖ Mechanical: Shore Facilities and Energy Management
- ❖ Electrical Engineering
- ❖ Ocean Engineering
- ❖ Special Programs
  - ❖ MBA
  - ❖ Urban Planning
  - ❖ Carnegie Mellon, MIT, Stanford (Prestige Schools)
  - ❖ Naval Postgraduate School
  - ❖ Purdue Military Research Development



\*Incurs additional 3 year service commitment



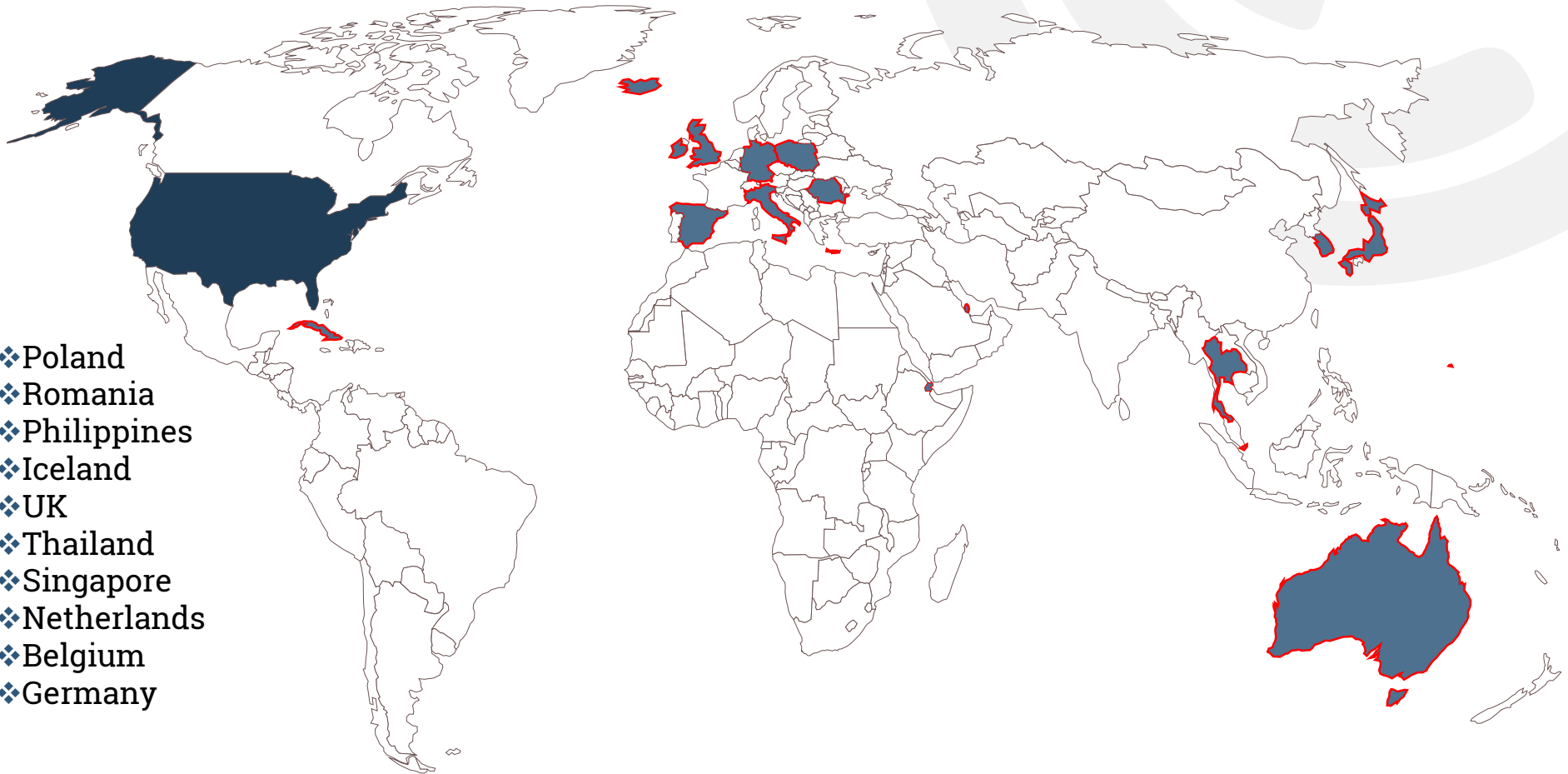
# CEC OFFICERS AT EVERY NAVY AND MARINE BASE ON EARTH

## USA\* (~70% of jobs)

- ❖ San Diego, CA
- ❖ Port Hueneme, CA
- ❖ Gulfport, MS
- ❖ Washington, DC
- ❖ North Carolina
- ❖ Virginia
- ❖ Florida
- ❖ Hawaii
- ❖ Guam

## International

- ❖ Japan
- ❖ Italy
- ❖ Spain
- ❖ Bahrain
- ❖ Diego Garcia
- ❖ Cuba
- ❖ Djibouti
- ❖ Korea
- ❖ Australia
- ❖ Greece
- ❖ Poland
- ❖ Romania
- ❖ Philippines
- ❖ Iceland
- ❖ UK
- ❖ Thailand
- ❖ Singapore
- ❖ Netherlands
- ❖ Belgium
- ❖ Germany



\*Not a comprehensive list



# WHY NAVY? WHY NOT INDUSTRY?

## INDUSTRY CIVIL ENGINEER

National median salary: \$89,000\* ❖

Salary Growth: Marginal and unpredictable ❖

Responsibilities: Assistant engineer, CAD, cost estimating ❖

Benefits: Negotiated at hiring ❖

Protecting: Investors ❖

Maintaining: Status quo ❖

In 4 years: Wish you joined ❖

## CIVIL ENGINEER CORPS

Starting salary: \$89,000\*\* ~65% is nontaxable

\$105,000\* in two years, \$136,000\* in four years

Immediate management, million+ dollar budgets

401K, Healthcare, Pension, Veterans benefits

Your family and fellow citizens

National Security and freedom of the seas

Recruited by industry for your experience!

\*Bureau of Labor Statistics May 2022

\*\*Stationed in Pt. Hueneme, CA



# ARE YOU ELIGIBLE?

## REQUIREMENTS

- ❖ ABET-EAC degree or NAAB Architecture degree, or will graduate within 24 months
- ❖ 19-36 years old
- ❖ 2.7 GPA
- ❖ U.S. Citizen
- ❖ Demonstrated
  - ❖ Leadership potential
  - ❖ Confidence
  - ❖ Communication skills
  - ❖ Desire to serve



## HOW TO UP YOUR GAME

- ❖ Ideal GPA and certifications
  - ❖ High GPA, especially STEM courses
  - ❖ EIT/NCARB or PE/RA
- ❖ Extra-curricular involvement
  - ❖ Leading student organizations
  - ❖ Intramurals or varsity sports
  - ❖ Community involvement
- ❖ Employment
  - ❖ Part-time job while in school
  - ❖ Architecture/Engineering/Construction experience and internships





# HOW LONG DOES IT TAKE TO JOIN?

## APPLY VIA AN OFFICER RECRUITER

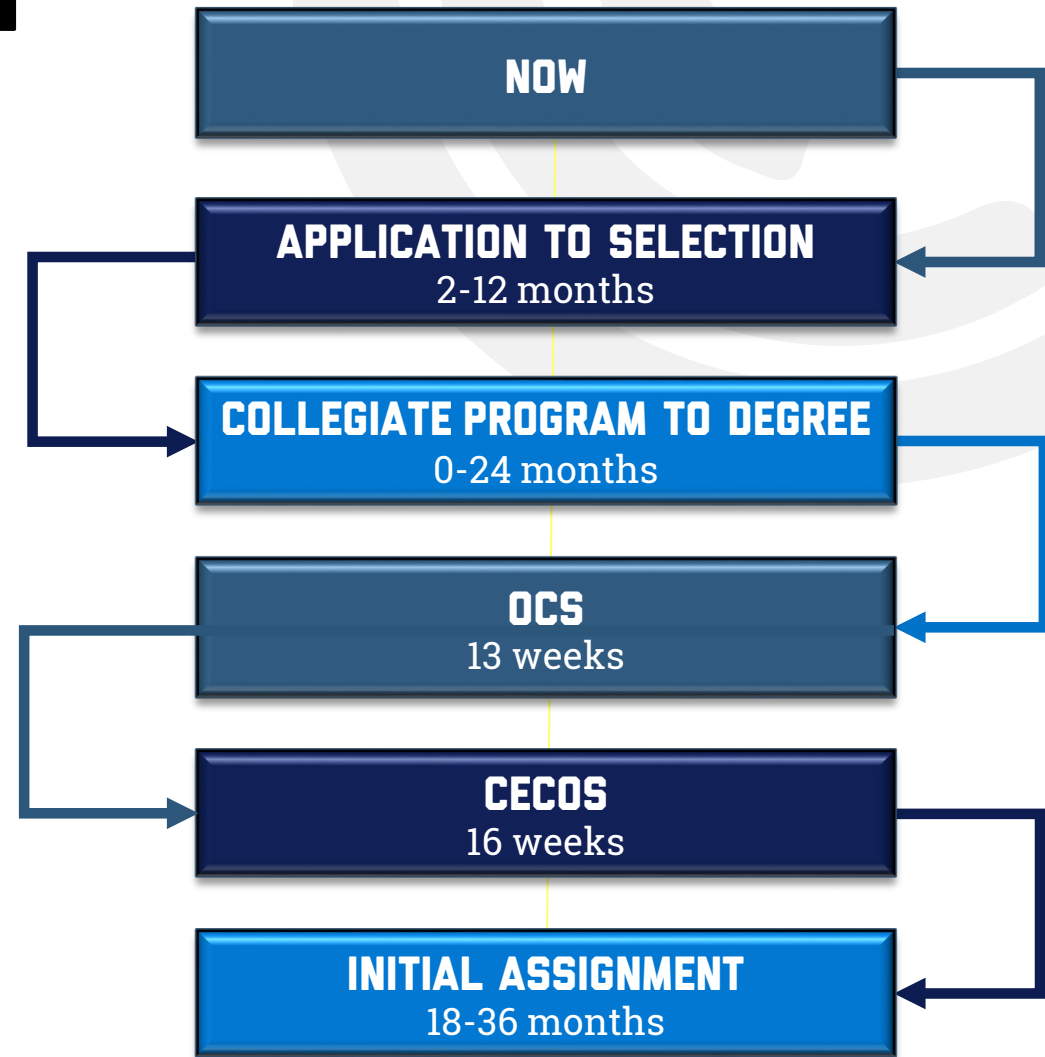
- ❖ Application paperwork
- ❖ Medical evaluation at MEPS
- ❖ Formal interview with CEC accessions officer

## OFFICER CANDIDATE SCHOOL (OCS)

- ❖ Newport, Rhode Island
- ❖ “Boot Camp” for Officers
- ❖ Learn Navy fundamentals

## CEC OFFICER SCHOOL (CECOS)

- ❖ Port Hueneme, California
- ❖ Technical classroom training





# THE FUTURE IS UNDER CONSTRUCTION. BUILD WHAT MATTERS.

CONTACT A RECRUITER OR CEC ACCESSIONS OFFICER



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