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## Academic Programs

The Academy's four-year academic program is widely recognized as one of the nation's best. A strong background in science and technology, a solid grounding in the liberal arts, and in-depth major study distinguish our program. It is an elite preparation that leads to great success.

### Academic Majors

Each program of study is exceptionally rigorous as well as highly practical with direct applications for the operational Coast Guard.

[VIEW PROGRAM LISTINGS](#)

As part of an open exchange agreement, cadets can earn the opportunity to study abroad.

### Academic Resources

Because the academic program at the Coast Guard Academy ranks among the most challenging in the nation, our academic support

#### ACADEMIC MAJORS

#### HONORS PROGRAM

#### JOURNAL OF CADET RESEARCH

#### CONN COLLEGE PARTNERSHIP

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## A Top Undergraduate Experience



### Four-Year Program

A Coast Guard Academy education is completed in four years – even engineering degrees.

### Honors Program

The Honors Program cultivates academic excellence across all majors, encouraging and rewarding scholarly achievement. The Honors Program culminates in application to prestigious post-graduate fellowships such as the Fulbright Scholarship, Truman Scholarship, and more.

### Internships

When you are part of the federal government, access to the best government facilities is possible – from Arctic ice, Alaskan shores, the Arizona desert, to Washington, D.C.

### Undergraduate Research

Students can explore topics of particular interest through independent research under the guidance of faculty mentors.



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## Academic Majors

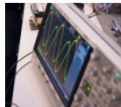
The U.S. Coast Guard Academy offers nine academic majors. All cadets pursue a liberal arts-based core curriculum, providing a broad academic foundation to complement the specialized learning within each major.



### CIVIL AND ENVIRONMENTAL ENGINEERING

The Civil Engineering program prepares future officers to design, build, operate and maintain structures and systems that help the Coast Guard work and solve real world problems.

[MORE INFORMATION >](#)



### ELECTRICAL ENGINEERING

Electrical Engineering is a cutting-edge major that prepares future officers for exciting careers with a focus on addressing critical technological needs.

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### CYBER SYSTEMS

The major prepares future officers to defend against cyber attacks, protect information and systems, and deter crime.

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### MECHANICAL ENGINEERING

The Mechanical Engineering major develops each student's ability to apply scientific principles in the design and analysis of mechanical and energy/power systems.

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### NAVAL ARCHITECTURE AND MARINE ENGINEERING

The NA&ME major provides a strong foundation in engineering, mathematics and the sciences, focused on the design, operation and repair of ships and boats.

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### OPERATIONS RESEARCH AND COMPUTER ANALYSIS

The ORCA major emphasizes the practical application of mathematics, statistics and computer techniques to analyze complex issues and provide informed solutions.

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### MARINE AND ENVIRONMENTAL SCIENCES

The MES major integrates oceanography, chemistry and biology to study the complex relationships between humans and the land, oceans and atmosphere.

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### MANAGEMENT

The Management major educates students in the broad array of functional skills and analytical processes required of today's leaders and managers.

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### GOVERNMENT

The government major develops leaders who can think critically about political systems and societies and understand their cultural, historical and theoretical underpinnings.

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HOME / ADMISSIONS



## Apply to the Coast Guard Academy

Do you possess the qualities of mind, body and character to succeed at the Academy and as a Coast Guard officer? If so, we invite you to apply to the Coast Guard Academy. Applying to the Academy is free and must be done online; there is no paper application.

ONLINE APPLICATION FOR CLASS OF 2026

### Highly Selective

The Coast Guard Academy is ranked among the nation's elite undergraduate colleges. This is reflected in our highly selective admission process. So what distinguishes those who are accepted to the U.S. Coast Guard Academy?

- Proven academic accomplishment, particularly in math and the sciences
- Leadership skills
- An unwavering desire to serve the country and humanity
- Physical fitness and athleticism
- Well-rounded interests and experiences
- Commitment to achieve one's full potential

### Application – Availability and Deadline

The application consists of:

- Online Application
- Standardized Test Scores – optional
- Medical Examination
- Physical Fitness Examination
- Interview - when requested by Admissions

Before you start your application, have a few things handy:

- Your Bear's Den login credentials
- The names, email and phone numbers of teachers who will submit your recommendations
- The name, email and phone number of the adult who will submit your Physical Fitness Exam results
- The names of the colleges your parents and siblings have attended (if any)

ONLINE APPLICATION FOR CLASS OF 2026

### Medical Examination

The Department of Defense Medical Examination Review Board (DODMERB) and its contractor coordinate your medical examination to determine if you meet medical qualifications for admission.

Watch for a letter or email after you submit your application. Follow these instructions to schedule your exam and track results.

If the exam is not done by April 15, or your qualifications are still uncertain by May 1, you will not be eligible for further consideration.

### Physical Fitness Exam (PFE)

You are responsible to arrange for the PFE. Find an adult to administer the PFE and submit your scores. The Academy will email instructions to this person after you submit your online application.

Download the PFE Instruction Manual and audio file to prepare in advance.

- 📄 PFE Instruction Manual
- 🔊 PFE Cadence Push-Ups (Audio File)

Applicants to the Coast Guard Academy must complete the PFE; the Candidate Fitness Assessment (CFA) cannot be substituted for this required application item.

### Interview

Admissions may request to interview you in order to learn more about your preparation, goals, and interests. If so, a representative of Admissions will contact you. If selected for an interview, participation is required.

### Early Action

The Academy's Early Action review group is non-binding. All applicants appointed in this group will still have until May 1st to accept or decline.

High school seniors and active duty military members are eligible for Early Action. Those attending college or a post-grad year are not unless they are first-time applicants.

ADMISSION REQUIREMENTS

ADMISSION OFFICERS

PREP SCHOOL

EDUCATORS

COMMON DISQUALIFYING MEDICAL CONDITIONS

REQUEST INFORMATION

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## Important Dates

Keep these important dates in mind as you complete your application:

- July 15 – Admission application opens
- October 15 – Early Action deadline
- By December 23 – Early Action decisions released
- January 15 – Regular Admission online application deadline
- January 29 - Deadline for Regular Admissions forms and scores
- By April 1 – Regular Admission decisions released
- April 15 – Medical Examination deadline
- May 1 – Appointment acceptance deadline
- May 15 – Medical Exam qualification/waiver deadline
- June 1 – Enrollment paperwork due
- Last Monday in June – Swab Summer starts

## Contact Information

### LT Eric Back

Processing Section Chief  
860-701-6753  
Eric.P.Back@uscga.edu

### Brad Beckwith

Application/PFE Questions  
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Bradley.J.Beckwith@uscga.edu

### Shannon Castineira

DoDMERB/Medical Questions  
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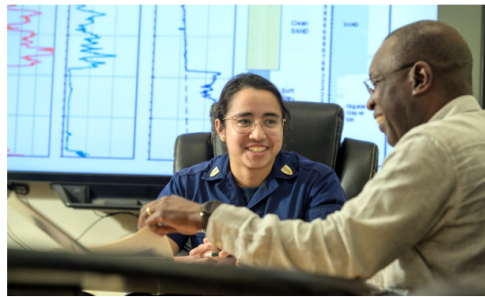
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INSIDE CIVIL ENGINEERING VIDEO

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## Civil and Environmental Engineering

The Academy's Civil Engineering program has a long, proud tradition of preparing civil engineers who are knowledgeable and skilled in the areas of structural, construction, environmental, and geotechnical engineering.

- Encompassing many disciplines, Civil Engineering offers a challenging career to individuals with a wide variety of interests
- In the senior-level capstone course, students design a complete civil engineering system directly related to a Coast Guard problem
- The Civil Engineering program is accredited by the Engineering Accreditation Commission of ABET, [www.abet.org](http://www.abet.org).

LEARN MORE

### Areas of Study

The Civil Engineering program provides a solid background in mathematics and engineering sciences, as well as in-depth study in structural analysis, environmental, water resources, construction, and geotechnical engineering.

### Resources

The Civil Engineering major is a highly experiential program that makes use of a wide array of professional resources – from industry standards such as Tinius Olsen machines and concrete cylinder testers, to the most relevant civil engineering technologies. The Civil and Environmental Engineering faculty partners with many commercial and federal entities to enrich the educational experience of cadets.

- U.S. Army Corps of Engineers - Engineer Research and Development Center
- Mystic Seaport
- Connecticut Society of Civil Engineers
- Engineers without Borders
- Massachusetts Water Resources Authority

## FACTS AND FIGURES

**+/-** Civil Engineers rank near the top of two lists: Undergrads who are most satisfied and least underemployed

**20/35** The Academy graduates 20 to 35 Civil Engineers each year

**2** After just 2 years of active duty, officers can apply for civil engineering graduate school

**\$100's** of Millions - the annual monetary value of projects managed by CG civil engineers

## Featured Cadets



**Landon Klopfenstein**  
Oviedo, FL  
Class of 2019

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**Marquis Stewart**  
Baltimore, MD  
Class of 2020

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**Jilian Stuckey**  
Glen Allen, VA  
Class of 2020

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## Featured Graduates



**Tyler Wyndham Ashner**  
Class of 2009  
Major: Civil Engineering

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**Kyle Ensley**  
Class of 2006  
Major: Civil Engineering  
M.S. Civil Engineering,  
University of Illinois

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**Chanel Lee**  
Class of 2009  
Major: Civil Engineering

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# Contact Information

Civil Engineering

**CDR Corinna Fleischmann**  
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## Coast Guard Graduate Programs

### Full Scholarship Graduate Programs

The opportunities don't stop at graduation. The majority of Coast Guard Academy alumni go on to pursue graduate degrees, paid for by the Coast Guard in return for an additional service obligation. Selection is based on performance.

While attending graduate school, officers continue to earn their regular salary and benefits. Upon graduation, most officers are assigned to a new job where they put their degree to immediate use.

### Coast Guard Graduate Programs

The following is a list of Coast-Guard funded graduate programs available to Academy graduates.

- Acquisitions Systems
- Aeronautical Engineering Avionics Project Management
- Aeronautical Engineering Industrial Administration
- Aeronautical Engineering Structures
- Aviation Safety Systems
- C4IT Strategic Management
- Chemical Engineering
- Filiosinal Hygiene
- Information Assurance
- Information Operations & Cyber Intelligence
- Information Technology Management
- International Affairs Policy
- Law
- Marine Affairs/Living Marine Resources
- Marine Engineering
- Marine Science (Oceanography)
- Mechanical Engineering
- Naval Engineering
- Ocean Engineering
- Operations Research
- Organizational Leadership
- Performance Technology
- Public Administration
- Public Affairs
- Strategic Intelligence
- Surface Safety Systems
- Transportation Management

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