

## Virtual Service Academy Day

Congressman Greg Murphy, M.D.  
Third Congressional District of North Carolina



# Congressional Nominations

One of the many ways you can receive an appointment to the U.S. Military, Naval, Air Force and Merchant Marine Academies is through a Congressional nomination. The Coast Guard Academy does not require a such a nomination.

You can apply through your U.S. Representative or your Senator. Prospective cadets from North Carolina's 3<sup>rd</sup> Congressional District can click [here](#) to find the application on my website.

I have assembled a highly qualified nominating committee who blindly review each application to ensure there is not any bias. Applications are due each year on October 1.

Be sure to apply to multiple academies if you have an interest in serving in any capacity. There have been many qualified applicants who did not receive a nomination to their first-choice school but would've received one to other academies.

It is very important to me that we have fantastic representation from our district at our prestigious military academies. Best of luck!

# The United States Military Academy at West Point



# Why West Point?

West Point is about choosing a direction in life that puts service to the nation first and allows each graduate to be a standard-bearer for their generation and the generations that follow.

The purpose of the United States Military Academy at West Point is to produce leaders of character who are equipped to provide selfless service to our Army and the nation. The academy has been educating, training, and inspiring leaders of character for the U.S. Army and for the nation for more than 200 years. West Point provides a 47-month leader-development program steeped in academic rigor, military discipline, and physical challenges, all built upon a moral-ethical foundation.

When students enter the United States Military Academy at West Point, they are beginning a profession. Leadership development starts on the first day; everyday cadet's experience is focused on developing leaders of character who will serve as officers upon graduation, when they are commissioned as second lieutenants in the U.S. Army.

# What it takes

Like any top-tier college, West Point is academically challenging, but West Point offers so much more. The West Point experience trains the whole person – academically, physically, and morally.

The physical challenges begin as soon as you report to West Point on Reception Day (R-Day) – and they continue through six weeks of Cadet Basic Training (CBT).

Running, marching, physical and military training will push you harder than you've ever pushed yourself before. But when you've made it through CBT, you'll have the confidence and self-assurance that comes with succeeding through hard work and determination.

If you're up for the challenge, West Point may be the place for you.

## Basic Qualifications for Admission

- Be at least 17 years old, but not older than 22 on July 1 of the year entering West Point
- Be neither married or pregnant
- Have no legal or financial responsibility for the support of any children
- Be in good physical and mental health
- Possess strong leadership potential

# Physical Qualifications

## Exercises – max score men/women

Basketball throw (from a kneeling position) - 102"/68"

Cadence pull-ups - 18/7 or Flexed-arm hang (women option only)

40-yard shuttle run – 7.8/8.6 sec.

Modified Sit-ups (2 min.) – 95/95

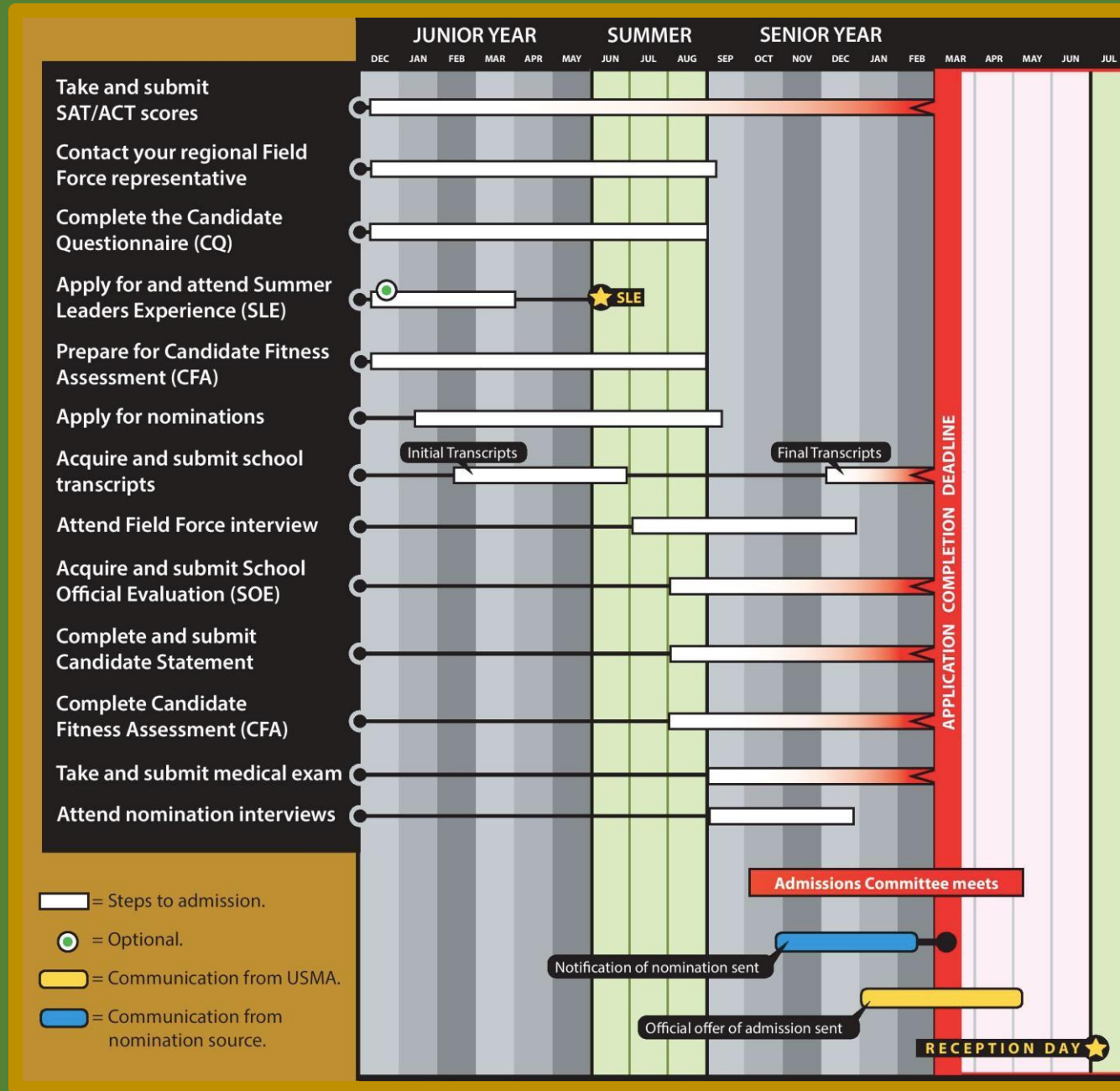
Push-ups (2 min.) – 75/50

1-mile run – 5:20/6:00

## Administered by

- Physical Education Teacher
- Active Duty (Non)Commissioned Officers
- Team Coach
- (J)ROTC Instructors
- Military Academy Liaison Officers
- Professors of Military Science

# Admissions Timeline





# Recent Class Statistics

## Activities

Boys/Girls State Delegate – 17%  
Class or Student Body President – 18%  
School Publication, Newspaper or  
Yearbook Staff – 18%  
Debating or Drama – 21%  
Scouting Participants – 35%  
Eagle Scout or Gold Award – 13%  
Varsity Athletics – 92%  
Letter Winner – 87%  
Team Captain – 62%

## Academic Honors

Class Valedictorian or Salutatorians – 11%  
National Merit Scholarship Recognition – 18%  
National Honor Society – 60%

## Admitted

1,100– 1,200 Cadets  
83% Men  
17% Women

## Rank in High School

Top 1/5<sup>th</sup> – 71%  
Second 1/5<sup>th</sup> – 20%

## SAT/ACT Average Scores

SAT Critical Reading – 646  
SAT Math – 665  
ACT English – 30  
ACT Math – 30  
ACT Science Reasoning – 29  
ACT Reading – 31  
ACT Comp - 30



# Majors Offered

## Mathematics, Science, and Engineering

Basic Science	Kinesiology
Chemical Engineering	Life Science
Chemical Engineering Studies	Mathematical Sciences
Civil Engineering	Mathematical Studies
Civil Engineering Studies	Mechanical Engineering
Computer Science	Mechanical Engineering Studies
Electrical Engineering	Nuclear Engineering
Electronic/Information Technology Systems	Nuclear Engineering Science
Engineering Management	Operations Research
Engineering Psychology	Operations Research Studies
Environmental Engineering	Physics
Environmental Geography	Systems Engineering
Environmental Science	Systems Management
Environmental Engineering Studies	
Geospatial Information Science	
Information Engineering	

## Humanities and Social Sciences

American Legal Studies	History:
Art, Philosophy and Literature	• International
Defense and Strategic Studies	• Military
Economics	• United States
Foreign Area Studies:	Human Geography
• Africa	International/Comparative
• East Asia	Legal Studies
• Eurasia	Leadership
• Latin America	Management
• Middle East	Political Science:
• Europe	• American Politics
Foreign Language:	• Comparative Politics
• Arabic	• International
• Chinese	Relations
• French	Psychology
• German	Sociology
• Portuguese	
• Russian	
• Spanish	

# Daily Schedule

6:55-7:30 - Breakfast

7:35-11:45 - Class or study

12:05-12:40 - Lunch

12:45-13:40 - Commandant/Dean Time

13:50-15:50 - Class or study

16:10-17:45 - Intramural, club or intercollegiate athletics; extracurricular activities; or free time

18:30-19:15 - Supper (optional except Thursday)

19:15-19:30 - Cadet Duties

19:30-20:30 - Study Conditions/Extracurricular activities

20:30-23:30 - Study time

23:30 - Taps

00:00 - Lights Out

# NCAA Sports

## MEN'S SPORTS

Baseball  
Basketball  
Cross Country  
Football  
Golf  
Gymnastics  
Hockey  
Lacrosse  
Rugby  
Soccer  
Sprint Football  
Swimming & Diving  
Tennis  
Track & Field  
Wrestling

## Co-ED

Rifle  
Rabble Rousers  
Strength

## WOMEN'S SPORTS

Basketball  
Cross Country  
Lacrosse  
Rugby  
Soccer  
Softball  
Swimming & Diving  
Tennis  
Track & Field  
Volleyball

## Club Sports

Boxing (Men)	Marathon
Boxing (Women)	Orienteering
Climbing	Powerlifting
Crew	Team Handball (Men)
Cycling	Team Handball (Women)
Equestrian	Triathlon
Fencing	Volleyball (Men)
Judo	Water Polo

# Company Sports

## Fall Sports

Basketball

Flag Football

Soccer

Team Handball

Functional Fitness

Wrestling

## Spring Sports

Ultimate Frisbee

Flickerball

Floor Hockey

Submission Grappling

## Graduation and Service

After graduation Cadets will be commissioned as second lieutenants in the U.S. Army

They will be required to serve for 8 years in a combination of active duty and the reserve

Before deployment, graduates will undergo one year of Basic Officer Training and then be assigned to a specific unit

# Summer Leadership Experience

## What Happens at SLE?

For two weeks every year, usually near the last week in May and the first week in June, USMA offers high school juniors the opportunity to experience cadet life at the Academy by attending our Summer Leaders Experience, where students from all over the nation are introduced to an experience unlike any other.

While there, each attendee obtains a better understanding of the importance of leadership, as well as how they can help themselves and their country.

## What can SLE offer me?

The Summer Leadership Experience is a week of concentrated academic, athletic, military, and social engagement at West Point. As an attendee you will enjoy a sampling of the Academy's academic offerings while immersed in an environment full of history and culture.

SLE is jam-packed and the activities begin immediately. Arriving on Saturday, you will check in and get acquainted with fellow SLE attendees and your surroundings. The rest of your week's schedule is full of academic activities, hands-on military training, team sports, tours of our historic grounds and high-tech facilities, and participating in the Candidate Fitness Assessment.

Additionally, you will engage and interact with current West Point Cadets who are using the leadership skills they've learned and developed at the Academy to coordinate your every activity



# Summer Leaders Experience

By attending the West Point Summer Leaders Experience (SLE), you gain a better understanding of the academic opportunities at a service academy. In a small way, you will see the importance of developing leaders at one of the most respected academic institutions in the country

West Point is consistently ranked among the top colleges in the country and is well recognized for consistently producing Rhodes scholars and recipients of Hertz fellowships. Many seniors are also selected for Marshall, Gates Cambridge, Truman, East-West Center, and National Science Foundation fellowships and scholarships.

By applying for the Summer Leaders Experience you are also opening an admissions file at the Academy. If your dream is to become a cadet at the U.S. Military Academy, and ultimately become an officer in the U.S. Army, apply for SLE – over 40% of SLE attendees join USMA as freshman cadets the following summer.

The application portal for the SLE is open for high school juniors between January 15 and March 15.

# The United States Military Academy Preparatory School (USMAPS)

Located at West Point, the USMAPS allows qualified Cadet Candidates to spend a year preparing for the lifestyle and academic rigor of the Academy

After graduation students will progress into the Academy or another service academy

**NO SEPARATE APPLICATION NEEDED**

# The United States Naval Academy



# Why the Naval Academy?

Consistently ranking among the top public universities in the country, the Naval Academy offers Midshipmen an incredible, well-rounded experience

Professional courses and training are an important part of the Naval Academy's integrated program. Required courses in naval science, engineering, navigation, and weapons systems give midshipmen a working knowledge of modern naval operations and technology. Courses in leadership, ethics and military law help prepare midshipmen for leadership responsibilities as an upper-class midshipman and commissioned officer. In addition to academic development, physical education courses help instill the importance of fitness and health.

The Naval Academy also has a deep and abiding commitment to the moral development of our midshipmen and to instilling the naval service values of honor, courage, and commitment. This commitment is supported by the Character Development Division which integrates the Navy's core values into the development plan of every midshipmen. The Character Development program is the single most important feature that distinguishes the Naval Academy from other educational and officer commission sources.

# The Brigade of Midshipmen

All 50 States, and foreign countries

Diverse, cultural heritages

Sailors and Marines

Leaders, academic scholars, varsity athletes

4543 Cadets attend the Naval Academy

- 3285 (72%) are men
- 1258 (28%) are women

# Majors

## Engineering & Weapons

Aerospace Engineering

- Aeronautical Engineering
- Astronautical Engineering

Computer Engineering

Electrical Engineering

General Engineering

Mechanical Engineering

Nuclear Engineering Naval Architecture  
and Marine Engineering

Ocean Engineering

Robotics and Control Engineering

## Mathematics & Science

Chemistry

Computer Science

Information Technology

Cyber Operations

General Science

Mathematics

- Applied Mathematics

Operations Research

Oceanography

Physics

- Applied Physics
- Astrophysics

Mathematics w/ Economics

Quantitative Economics

## Humanities & Social Sciences

English

History

Political Science

- American Politics & Law
- Comparative Politics
- International Relations

Chinese

Arabic

## Available Minors

Spanish

Russian

Japanese

German

French

Chinese

Arabic

## Core Curriculum

4/C Fall	4/C Spring	3/C Fall	3/C Spring	2/C Fall	2/C Spring	1/C Fall	1/C Spring
Leadership			Ethics		Leadership	Naval Law	
Seamanship	Cyber	Navigation		Navigation			Practicum
Calculus	Calculus	Calculus	Math	Electrical Engineering	Cyber		
Chemistry	Chemistry	Physics	Physics		Weapons Engineering	Naval Engineering	Naval Engineering
English	English	Civilization	Civilization		Humanities Elective	Humanities Elective	
Naval History	Gov't						Elective

Electives and major's courses are taken in addition to core curriculum



# The College Classroom

## Close Contact with Faculty

Faculty teach both lectures and labs

Tutoring and extra instruction

Support extra curricular activities

Civilian to military faculty ratio ~1:1

## Small Class Size

Student to Faculty Ratio 8:1

Individual lecture halls and small labs

10-25 students per section

# Midshipmen Daily Schedule

5:30 – Personal Conditioning

7:00 - Formation & Breakfast

8:00 – 1<sup>st</sup>-4<sup>th</sup> Academic Periods

12:00 – Formation & Lunch

13:30 – 5<sup>th</sup> – 6<sup>th</sup> Academic Periods

16:00 – Athletic Period

18:00 – Formation & Dinner

20:00-23:00 – Academic Study Period

# Varsity Sports

## Men

Baseball  
Basketball  
Cross Country  
Football  
Golf  
Gymnastics  
Lightweight Crew  
Heavyweight Crew  
Lacrosse  
Soccer  
Sprint Football  
Squash  
Swimming/Diving  
Tennis  
Track (indoor & outdoor)  
Water Polo  
Wrestling

## CO-ED

Intercollegiate Sailing  
Offshore Sailing  
Rifle

## Women

Basketball  
Crew  
Cross Country  
Lacrosse  
Soccer  
Swimming/Diving  
Tennis  
Track (indoor & outdoor)  
Volley Ball  
Golf

# Club Sports

## Men

Ice Hockey  
Lacrosse  
Rugby  
Volleyball

## CO-ED

Cycling  
Fencing  
Judo  
Karate  
Marathon  
Pistol  
Power Lifting  
Triathlon  
Boxing

## Women

Rugby  
Softball  
Ice Hockey

# Intermural Sports / Other Athletic Activities

## Fall/Spring/ Summer 5 sports voted each season

Flag Football  
Basketball  
Ultimate Frisbee  
Soccer  
Street Hockey  
Combat Fitness  
Racquetball  
Volleyball  
Fieldball  
Softball  
Lacrosse

## Athletic Activities

Battalion Sailing  
Brigade Boxing  
Golf Tournament  
Half Marathon  
Street Hockey  
Climbing Wall  
Iron Man Contest  
Judo  
Kayak Race  
10K run  
3-Point Shoot  
Strongest Mid  
Swim Relay  
Track Relay  
Wrestling

## Extra Curricular Activities

### Cultural

Black Studies Club  
Filipino-American Club  
French Club  
German Club  
International Club  
Korean Midshipmen Club  
Latin American Club

### Music

Church Choirs  
Drum and Bugle Corps  
Glee Club Gospel Choir  
Masquerader (theater)  
Pipes and Drums  
String Ensemble

### Service

Lucky Bag (yearbook)  
Midshipmen Action Group  
Mids for Kids  
Nat. Eagle Scout Association  
Trident Newspaper  
Tutoring

# Summer Training

Year	Vacation (4 Weeks)	Fleet Cruise (4 Weeks)	Leadership Development (4 Weeks)
4/C (Freshman)		Plebe Summer	Plebe Summer
3/C (Sophomore)	Summer Vacation Summer School Internships	Enlisted Experience	Sailing or Yard Patrol, Leadership Detail, Foreign Exchange
2/C (Junior)		Career Exposure	Sailing or Yard Patrol, Leadership Detail, Foreign Exchange
1/C (Senior)		Officer Experience	Sailing or Yard Patrol, Leadership Detail, Foreign Exchange



## Graduation and Service

Graduate with Bachelor of Science

Commissioned as an Officer in the US Navy or US Marine Corps

Minimum 5-year service commitment

## 2020 Service Assignment – 1,023 Officers

Unrestricted Line			Restricted Line		
Assignment	Male	Female	Assignment	Male	Female
SWO (Conventional)	137	79	Cryptologic Warfare	11	6
SWO (Nuclear)	22	17	USMC Cyber	2	4
Submarines	108	31	Intelligence	0	4
SEALS	30	0	Oceanography	0	2
Explosive Ordnance Disposal	14	2	Medical Corps	7	1
Naval Pilot	173	54	Civil Engineering	3	1
Naval Flight Officer	27	20	Supply Corps	0	4
Marine Corps Pilot	76	15	Information Professional	1	3
Marine Corps Ground Officer	119	42			

# STEM – Science, Technology, Engineering, Mathematics

Hands-on academic program exposing young student to the possibility of a STEM career

6-day program in June

Taught by professors and Midshipmen in USNA facilities

Applications for STEM opened on January 6, 2020 and close on April 15, 2020

Financial Aid is available for tuition and travel

# Naval Academy Summer Seminar

6-day program for high school students during the summer between Junior and Senior year

2,550 rising seniors attend and experience life at USNA

Not a requirement for application to USNA

Applications for NASS opened on January 3 and close on March 31

Financial Aid is available for tuition and travel

# Basic Eligibility

At least 17 years of age and must not have passed  
23<sup>rd</sup> birthday on July 1<sup>st</sup> of year of entry

Unmarried, not pregnant, and  
have no legal obligation to support  
a child or other individual

United States Citizen by I-Day

Good Moral Character

# The Online Application

- Personal Statement
- Fitness Assessment
- Activities Record
- Academic Information
- Math Recommendation (completed by previous or current year teacher)
- English Recommendation (completed by previous or current year teacher)
- High School Transcript (by mail)
- College Transcript (by mail)
- Official SAT or ACT scores

# Physical Qualification

## Candidate Fitness Assessment – (max score man/woman)

- Basketball Throw – 102”/66”
- Pull-Ups – 18/7
- 40 Yard Shuttle Run – 7.8/8.6
- Sit-ups – 95/95
- Push-ups – 75/50
- 1-Mile Run – 5:20/6:00

## Administered by

- Physical Education Teacher
- Active-Duty Commissioned Officers
- BGO
- Team Coach
- (J)ROTC Instructors



# Medical Qualifications

Department of Defense Medical Examination Review Board (DoDMERB)  
schedules medical exams for all officer accessions

DoDMERB medical exam will be scheduled when candidate completes 50% of the application

Status reported to candidate & Office of Admissions

Each Service Academy/officer accession program has different standards for entry

# Nominations

## Nominations are required

Most student are eligible to  
apply to at least 4 nomination  
sources

Vice President

Both U.S. Senators

Congressional Representatives

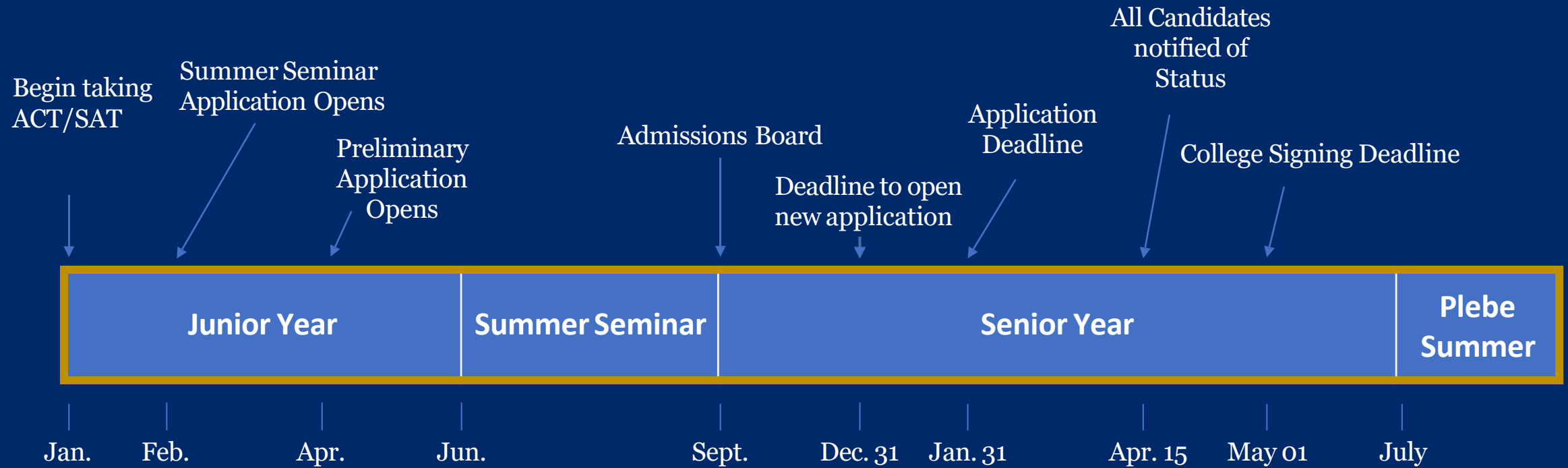
Domicile requirement

Nominating Sources have varying  
deadlines

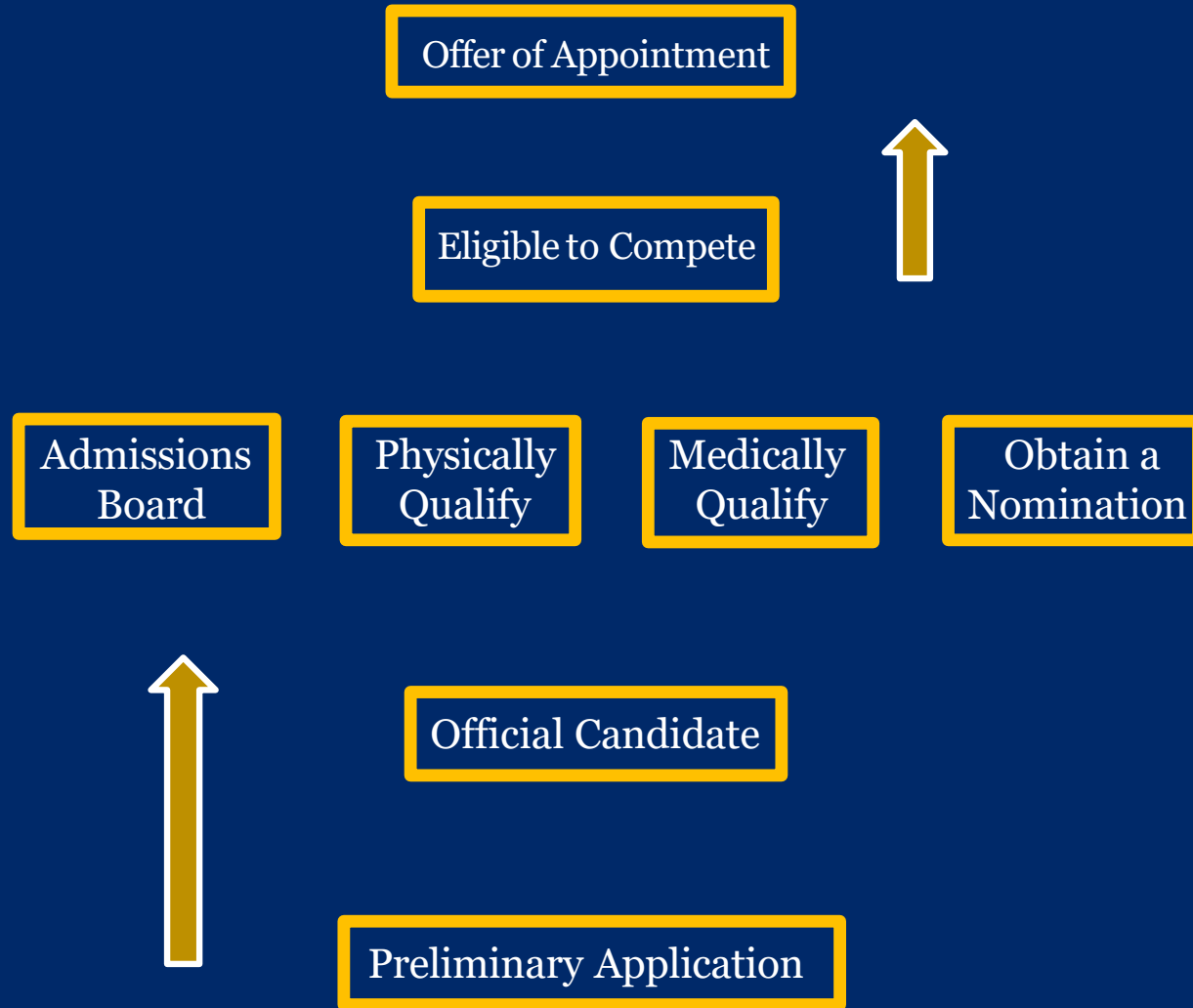
Check your nominating sources for  
individual deadlines

Congressional websites are the best  
source of information

# The Candidate Cycle



# Admissions Process



# Preparatory Schools

## Foundation Program

16 civilian/military Prep  
Schools across the  
nation

~40-50 students

## Naval Academy Preparatory School

Located in Newport, Rhode Island

~230-250 students, sailors, and marines

# Advice for Admissions

## Strong Foundation in Math and Science

- Algebra, Geometry, Trigonometry, Pre-Calculus
- Chemistry and Physics (with a lab if possible)

## AP/Honors/IB Courses are encouraged

## No Minimum GPA

- Strive to be in at least the top 20% of your high school class

## Well-rounded

- Demonstrated leadership potential
- Active in athletic and non-athletic activities

## Take your SAT/ACT early and often (no minimum)

# The United States Air Force Academy



# Why the Air Force Academy

The United States Air Force Academy doesn't just expand students' minds, it prepares them to become some of our nation's greatest leaders. A dynamic and diverse mix of civilian and military faculty teach lessons with real-world applications. With a student-to-faculty ratio of just nine-to-one, the U.S. Air Force Academy provides a uniquely accessible learning environment.

Attending the U.S. Air Force Academy is an investment in your future. The Air Force Academy takes away the burden of trying to pay for tuition so you can focus fully on your studies. In exchange, after graduation, you will serve as a commissioned officer in the U.S. Air Force or U.S. Space Force in your chosen career field, putting your education into practice.

Every cadet receives:

- Cost Free Tuition
- Cost Free Room and Board
- Cost Free Medical Care
- Outpatient treatment, physical examinations and routine dental examinations
- Pay and benefits
- Access to a low-cost, government sponsored life insurance program



# The Cadet Wing

## Location

- Colorado Springs, Colorado
- 60 Miles from Denver
- World Class facilities on an 18,000-acre campus

## Student Body

Cadets from:

- All 50 states, territories and foreign countries
- Diverse cultural heritages
- Active-duty airmen
- Leaders, academic scholars, varsity athletes
- 3,057 Men
- 1,165 Women

## Class of 2022

### Average Test Scores

SAT Verbal – 670

SAT Math – 695

ACT English – 31.3

ACT Reading – 31.3

ACT Math – 30.0

ACT Science – 30.6

### Leadership

Athletic Letter – 82%

National Honor Society – 66%

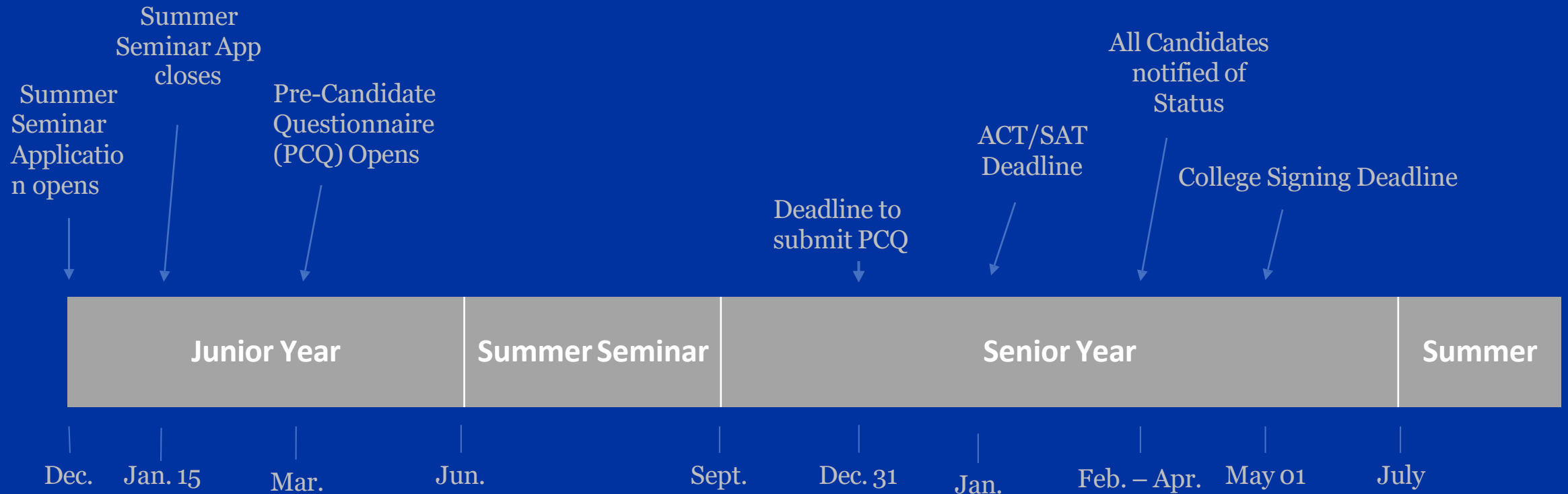
Scouting – 20%

Class President or VP – 17%

Boys/Girls State – 18%

JROTC Cadets – 13%

# Application Process



# Physical Qualifications

## Exercise - (Av. Man / Av. Woman)

Basketball Throw – 69'/42'

Pull-ups – 12/2 (2 min.)

Flexed Arm Hand (Women only) – 31 sec.

Shuttle Run – 8.1/9.4 sec.

Modified Sit-ups – 81/78 (2 min.)

Push-ups – 62/41 (2 Min.)

One-mile Run – 6:29/7:30

## Administered by

- Physical Education Teacher
- Active-duty Commissioned Officers
- Service Academy Liaison Officer
- (J)ROTC Instructors

# Majors

## Basic Sciences

Biology  
Chemistry  
Computer Science  
Cyber Science  
Mathematics  
Meteorology  
Operations Research  
Physics

## Engineering

Aeronautical  
Astronautical  
Civil  
Computer  
Electrical  
Mechanical  
Systems  
Space Operations  
General

## Humanities

Foreign Area Studies  
English  
Foreign Language  
History  
Military Strategy  
Philosophy  
Religious Studies

## Social Studies

Behavioral Studies  
Economics  
Geo-Spatial Science  
Legal Studies  
Management  
Political Science  
Nuclear Weapons &  
Strategies

## Core Curriculum

4/C Fall	4/C Spring	3/C Spring	3/C Fall	2/C Fall	2/C Spring	1/C Fall	1/C Spring
Intro to AF Engineering	Military History	Law for AF Officers	Airpower	Leadership	Ethics		Joint Ops
Calculus	Calculus						
Chemistry	Comp. Sci.	Chemistry	Engr. Mech	Biology	Aero. Engr.	Aero Engr.	Sci & Tech
Psychology	Physics	Physics		Prob & Stats	El. Engr.		
For. Lang.	For. Lang.	Pol. Sci.	Economics		World History	Management	Geopolitics
	English		English				English

Core = 96 hrs. of academic courses + 5 hrs. of phy. ed.

# The College Classroom

## Small Class Size

- Student to Faculty Ratio - 8:1
- Individual lecture halls and small labs
- 15-20 students per class

## Accessible Faculty

- Faculty teach both lectures and labs
- Tutoring and Extra Instruction
- Full-Time Faculty (no TA's)
- Civilian to Military ratio - 4:6

## Cadet Daily Schedule

5:15 – Personal Development

6:30 – Formation & Breakfast

7:30 - 1<sup>st</sup> – 4<sup>th</sup> Academic Periods

11:30 – Formation & Lunch

12:30 – 5<sup>th</sup> – 7<sup>th</sup> Academic Periods

15:30 – Development Time (Intramurals & Training)

17:00 – Dinner

20:00-23:00 – Academic Study Period

23:00 - TAPS/Lights Out



# Varsity Sports

## Men

Baseball  
Basketball  
Cross Country  
Football  
Golf  
Gymnastics  
Fencing  
Lacrosse  
Soccer  
Swimming/Diving  
Tennis  
Track  
Water Polo  
Boxing Wrestling  
Ice Hockey

## Co-ED

Cheerleading  
Rifle

## Women

Basketball  
Cross Country  
Soccer  
Fencing  
Swimming/Diving  
Track  
Volleyball  
Tennis  
Gymnastics

# Club & Intramural Sports

## Women

Boxing  
Rugby  
Soccer  
Softball  
Lacrosse  
Water Polo

## Men

Rugby  
Volleyball  
Soccer  
Softball  
Golf

## Co-ED

Ultimate Frisbee  
Cycling  
Judo  
Karate  
Marathon  
Rodeo  
Ski  
Handball  
Snowboard  
Triathlon  
Powerlifting

## Fall & Spring Intramurals

Flag Football  
Basketball  
Ultimate Frisbee  
Soccer  
Cross-Country  
Rugby  
Racquetball  
Volleyball  
Softball

## Clubs & Extracurriculars

### Academic

Mock Trial  
Model United Nations  
Forensics  
Business Leaders  
Robotics  
STEM Club

### Cultural

Freethinkers  
Hispanic/Latino Club  
International Club  
Native American Heritage  
Schulte Assembly  
Pacific Rim  
Way of Life  
Spectrum

### Religious

Baptist Student Union  
Fellowship of Christian Athletes  
Cadet Interfaith Council  
The Navigators (Intl. Christian)  
Special Program of Religious Ed.  
SPIRE (Jewish, Muslim, Buddhist,  
Catholic, Protestant, Orthodox)

### Music

Church Choirs  
Drum and Bugle Corps  
Blue Bards (theatre)  
In the Stairwell  
Show Choir  
Orchestra

### Military Professional

Sandhurst  
Flying Club  
Aviation  
Airsoft  
Combat Shooting  
Emergency Medical Technicians  
Honor Guard

### Service

Arnold Air Society  
Cadet for a Day  
Big Brothers/Big Sisters  
Unchained (Human Trafficking)

## Summer Training

Year	Vacation (3 Weeks)	Military Training (3 Weeks)	Leadership Development (3 Weeks)
4/C (Freshman)		Basic Training	Basic Training
3/C (Sophomore)	Summer Vacation	Mock Deployment & Survival Training	Airmanship Program
2/C (Junior)	Summer School  Internships	Operations Exposure	Leadership Program
1/C (Senior)	Cultural/Language Immersion Trips	Leadership Program	Leadership Program

## Class of 2019 Job Assignments

Rated	Total
Pilot	518
Combat Systems Operator	5
Air Battle Manager	2
Remotely Piloted Aircraft	38
Non-Rated Operations	Total
Special Tactics Officer	5
Combat Rescue	3
Nuclear & Missile Ops	14
Space Ops	31
CyberSpace Ops	55
Other Specialty Career Fields	Total
Cross-Commission	4
Medical	27
Legal	1

Operations Service Support	Total
Scientist	23
Acquisition	90
Operations Support	Total
Air Liaison Officer	5
Airfield Ops	2
Info Ops	6
Intelligence	44
Weather	1
Aircraft, Munitions & Missile Maintenance	33
Logistics Readiness	25
Security Forces	9
Civil Engineer	22
Developmental Engineer	32
SE Human Factors	2
Special Investigations	5

## Graduation and Service

Cadets will graduate with a bachelor's degree and will receive a commission as a second lieutenant in the Air Force or the Space Force

Cadets are required to serve 5 years on active duty and 3 years on active reserve

Cadets who attend flight school after graduation are required to serve for 10 years on active duty

## Preparatory Schools

### Air Force Academy Preparatory School

Located in Colorado Springs, Colorado

230-250 students and Airmen

### Falcon Foundation Program

5 Civilian/military prep. Schools across the nation

~60 Students

Extra academic preparation prior to USAFA

**NO separate application**

## Summer Seminar

640 rising seniors attend to experience life at USAFA

Not a requirement for application to USAFA

Cadets serve as cadre/mentors

Application opens each year on the 1<sup>st</sup> of December



# The United States Merchant Marine Academy



## The Academy's Mission

To educate and graduate leaders of exemplary character who are inspired to serve the national security, marine transportation, and economic needs of the United States as licensed Merchant Marine officers and commissioned officers in the Armed Services

# Historical Overview

## Merchant Marine Act of 1936

Established the U.S. Merchant  
Marine Cadet Corps



1942

The Academy's  
permanent site in  
Kings Point, New  
York was acquired



September 30, 1943

Dedication by President  
Franklin D. Roosevelt



WWII

Shipboard training continued;  
142 midshipmen gave their lives



1974

Became the first federal service  
academy to enroll female students

## What Do Merchant Marines Do?

The U.S. Merchant Marine consists of privately-owned, U.S. registered merchant ships

Provide waterborne transportation for passengers and cargoes moving in domestic and international commerce

In time of war or national emergency, the U.S. Merchant Marine serves as a “fourth arm of defense”

# Industries Served by USMMA Graduates

Maritime Shipping Companies

Federal & State agencies with maritime missions

Cargo and terminal operations

- Maritime transportation management
- Maritime transportation logistics
- Port traffic management

Marine Engineering

- Shipboard engineering and design
- Navigation systems and instrumentation

Offshore energy industry

Maritime Security

Maritime environmental companies

Vessel Chartering and Brokerage

- Ocean surveying
- Marine insurance
- Salvage adjustment

Marine pilots associations and harbor masters

Stevedoring companies

- Labor relations
- Safety management

Naval architecture and ship construction

- Vessel design
- Offshore oil equipment
- Shipbuilding/ship repair/ship design

# What Graduates Earn

Bachelor of Science Degree

Commission as Ensign in  
the Navy Reserve

U.S. Coast Guard  
License as Merchant  
Marine officer  
3<sup>rd</sup> Mate or 3<sup>rd</sup> Assistant  
Engineer

# Obligation

Work in the maritime industry for 5 years

Maintain U.S. Coast Guard License for 6 years

Serve in the U.S. Navy Reserve for 8 years

## Military Options

5 years on active duty in any of the nation's armed forces or in the National Oceanic and Atmospheric Administration (NOAA) Corps.

## Active-Duty Assignments

Branch of Service	2013	2014	2015	2016	2017	2018	2019
Navy	23	14	24	20	19	19	21
Coast Guard	5	7	5	13	14	13	16
Air Force	4	1	2	13	5	15	10
Army	9	5	8	3	10	6	11
Marine Corps	3	4	2	8	4	7	15
Percent of Class	23%	15%	19%	27%	33%	32%	37%
Reserve or Guard	0	2	1	3	0	5	2



# Curriculum Structure

Trimester System

Hands-on training philosophy

Engineering Laboratories

Nautical Science Laboratories

Sea-Year Training

Training Vessel Kings Pointer

# Academic Majors

## Department of Marine Transportation (Deck License)

- Marine Transportation – nautical science and maritime business management
- Maritime Logistics and Security – nautical science, managing complex maritime and intermodal supply chains, security challenges facing the marine transportation system

## Department of Marine Engineering (Engine License)

- Marine Engineering – shipboard engineering operations
- Marine Engineering Systems (ABET Accredited) - design of shipboard systems and machinery
- Marine Engineering and Shipyard Management (ABET Accredited) – management of shipyards, and the production and repair of marine vehicles

# Course Snapshot

## Marine Engineering

Calculus I, II, III  
Physics I, II, III  
Engineering Shop I, II  
Engineering Graphics  
General Chemistry  
Chemistry for Marine Engineers  
Differential Equations I, II  
Operations Research I, II  
Introduction to Marine Engineering I, II  
Introduction to Electrical Engineering  
Thermodynamics  
Electric Circuits  
Strength of Materials  
Fluid Mechanics  
Marine Engineering Management  
Electric Machines Electronics  
Basic Tanker Operations-Dangerous Liquids  
Internal Combustion Engines  
Gas Turbines and Marine Auxiliary Equipment  
Marine Plant Automation and Controls  
Naval Architecture for Marine Engineers  
Shipyard processes and Procedures  
Marine Project & Product Management

## Marine Transportation

Calculus I, II  
Physics I, II  
General Chemistry  
Terrestrial Navigation I, II  
Introduction to Navigation Law  
Maritime Communications  
Liquid Cargo Operations  
Ship Construction and Stability  
Integrated Navigation I, II, III  
Celestial Navigation  
Meteorology  
Dry Cargo Operations  
Fundamentals of Business Law  
The Business of Transportation  
Accounting & Finance  
Admiralty and International law of the Sea  
Principles of Management  
Principles of Economics  
Integrated Logistics Management  
The Maritime Regulatory Environment  
Maritime Economics  
Port and Terminal Operations  
International Business

# Regimental Program

All students are sworn into the U.S. Navy Reserve – Merchant Marine Reserve Program as Midshipmen and wear Navy uniforms

First Classmen, under the supervision of the Academy's Commandant of midshipmen, exercise command of the regiment

- Develops followership and leadership skills
- Emphasizes respect, honor, service, and courage

## A Typical Day at the Academy

0600 - Reveille (All Hands)

0635 - Morning Inspection

0645-0730 - Buffet Breakfast

0730 - Morning Muster/Colors

0745 - First Class Period Begins

1210 - Muster for Noon Mess

1220-1250 – Noon Mess

1300 - Fifth Period Class Starts

1700-1900 - Athletics & Extracurricular

1730-1945 - Buffet Dinner

2000-2200 - Study Hall for All Classes

2200-0600 - Late Lights Period

# Athletics Programs

## Men

Baseball  
Basketball  
Cross Country  
Football  
Lacrosse  
Soccer  
Swimming & Diving  
Track & Field  
Wrestling

## Women

Basketball  
Cross Country  
Lacrosse  
Swimming & Diving  
Track & Field  
Volleyball  
Soccer

## Club

Ice Hockey  
Rugby  
Water Polo

## Waterfront Programs

Capital Vessels  
Offshore Sailing  
Power Squadron  
Keelboats  
Dinghy  
Rowing

# General Eligibility Requirements

United States Citizen

Be between the ages of 17 and 24 by July 1 of the year of admission

Be of good moral character

Meet the physical, security, suitability, and character requirements necessary for a commission in the U.S. Navy Reserve

# Evaluation

## Admission Test Middle 50% Ranges

### ACT

English – 25-31

Math - 26-29

### SAT

Reading – 30-34

Math – 600-660

## Academics – 75%

Transcript Review

ACT/SAT Scores

High School Class Rank

## Leadership – 25%

School Official Evaluations

Athletic Activity

Non-athletic Activity



# Physical Qualification

## Candidate Fitness Assessment (Av. Man/Av. Woman)

Basketball Throw (Kneeling Position) – 67”/41”

Pull-ups – 9/3 (2 min.)

Flexed-Arm Hang (Women Only) – 19.8 sec.

Shuttle Run – 9.1/10 sec.

Modified Sit-ups – 72/68 (2 min.)

Push-ups – 54/33 (2 min.)

1-Mile Run – 6:43/8:06

### Administered by

- Physical Education Teacher
- Active Duty (Non)Commissioned Officers
- Service Academy Liaison Officer
- (J)ROTC Instructors
- Professors of Military Science

# Medical Qualification

Department of Defense Medical Examination Review Board

Good Physical and Mental Health

Height/Weight Requirements

Waivers given on a case-by-case basis

Candidates assessed as:

- Qualified
- Disqualified
- Remedial

Start as EARLY as possible!

## Nomination

Everyone is eligible for at least three nominations: two senators, one representative

A nomination is the legal authority to tender an offer of admission

Be aggressive in pursuing a nomination!

# Application Process

Submit Online starting May 1<sup>st</sup> of Junior Year and start seeking a nomination soon after

## Required Components

Official High School transcript

Official test scores

School profile

Candidate Activities Record

Biographical Essay

School Official Evaluations:

- Math
- Chemistry or Physics
- English

File with DoDMERB and take your CFA before you start your senior year

**Deadline to submit is February 1<sup>st</sup>**

# Admissions Strategy

Applicant (not parents) drives the process

Apply to all available nomination sources early

Complete Application early

Take the ACT and/or SAT multiple times

Take Chemistry, Physics, and Calculus

Practice for the Candidate Fitness Assessment

Complete the DoDMERB Physical

Visit Kings Point

Explore all your options

Decide what is right for you

# Class of 2023

Average SAT Scores: 632 Reading; 666 Math

34% Ranked in top 10% of HS Class

67% Ranked in top 20% of HS Class

86% Ranked in top 40% of HS Class

Members of National Honor Society: 60%

National Merit Scholars or Finalists: 4%

Class Valedictorian/Salutatorian: 5%

Presidents of Class/Government: 11%

Earned 1 (or more) Varsity Letters: 85%

Team Captain of 1 (or more) Sports: 69%

Participated in Boys State/Girls State: 17%

Completed college credits after H.S. Graduation: 15%

Dual enrollment in college coursework during H.S: 38%

Members of JROTC: 10%

Members of Navy Sea Cadets or Civil Air Patrol: 9%

Members of Boys/Girls Scouts: 15%

Earned Eagle Scout/Gold Award: 12%

## Candidate Orientation Visits

Available Tuesdays and Thursdays during the academic year

Day Visits: students who are at least in their junior year of high school

Overnight Visits: students who are at least seniors and submitted part 1

Midshipmen-escorted / a real “inside look”

# Prep School

## The New Mexico Military Institute

Located in Roswell, New Mexico

A year long program to prepare cadets with an atmosphere they can expect at other service academies

A cost-effective way to receive an academy-level education

Can be a springboard into any of the service academies



# The United States Coast Guard Academy



## Academy Overview

Smallest U.S. federal service academy (~1,000 Cadets)

40% of Class 2023 and 38% of Corps of Cadets are women, every officer billet in the Coast Guard has always been available to women

Nine Academic majors: seven STEM and two Humanities

Division III/I NCAA Athletics: 25 Varsity Teams; eight Club Teams; Company Intramurals

Swab Summer; Operational Summer Training Programs

## Preparatory Schools

Qualified candidates with high potential may be sent to a one-year preparatory program to get them ready for the academic, military and athletic demands of the Academy

They will be sent to one of the following three schools:

Marion Military Institute

Located in Marion, Alabama

Naval Prep School

Located in Newport, Rhode Island

Georgia Military College

Located in Milledgeville, Georgia

# The Academy Introduction Mission (AIM)

The Academy Introduction Mission (AIM) is a one-week summer program where you'll immerse yourself in Academy life. Exclusively for students entering their senior year of high school, AIM is regarded as the most realistic of the service academy summer orientation programs.

AIM will test and inspire you. It will push you to your limits. You'll rise early. You'll study. You'll compete. For six non-stop days, you'll test your mind, body and spirit in every way.

Intense, yet rewarding, AIM will help you to discover whether the Academy experience is truly what you want from college, and whether you have what it takes to succeed.

## Key Dates (During Junior Year)

April 6 – Deadline to apply

May 1 - Decision Notification

May 18 - Enrollment Process Begins

June 1 - Scholarship Applications Due

June 5 - Scholarships Awarded

June 15 - Deadline for Session Selection

June 20 - Enrollment paperwork Due

## Majors Offered

Civil Engineering

Electrical Engineering

Cyber Systems

Mechanical Engineering

Naval Architecture and Engineering

Operations Research and Analysis

Marine and Environmental Sciences

Management

Government

# NCAA Sports

## Men's Sports

Baseball  
Basketball  
Cross Country  
Football  
Lacrosse  
Pistol  
Rifle  
Rowing  
Sailing  
Soccer  
Swimming & Diving  
Tennis  
Track & Field  
Wrestling

## Women's Sports

Basketball  
Cross Country  
Lacrosse  
Pistol  
Rifle  
Rowing  
Sailing  
Soccer  
Softball  
Swimming & Diving  
Track & Field  
Volleyball

## Club Sports

Men's Ice Hockey  
Triathlon  
Men's Rugby  
Women's Rugby

## Application Dates

July 15 – Application opens  
October 15 – Early Action deadline  
By December 23 – Early Action decisions released  
January 29 – Regular Admission deadline  
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  
June 28 - Swab Summer starts

### A complete application includes:

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

## Physical Qualifications

### Exercise - (av. man/av. woman)

Cadence push-ups – 38/27

Two-minute sit-ups – 79/75

1.5 Mile Run - 10:31/12:29

### Administered by

- Physical Education Teacher
- Active-Duty Commissioned Officers
- Service Academy Liaison Officer
- (J)ROTC Instructors



# Class Profile

## Class Rank

46% in the top 10% of high school class

82% in the top 25% of high school class

99% in the top 50% of high school class

## Test Scores

Median SAT: Math 680, Critical Reading 660, Writing 6

Median ACT: Math 28, English 28

85% earned a varsity letter in high school

47% were team captains in high school

13% played in the high school band

3% performing arts members

41% have a parent who has served in the military

75% plan to pursue a technical major

## Daily Schedule

06:00 – Reveille  
06:20 – Morning Formation/Breakfast  
07:00 – Military Training  
08:00 – Morning Classes  
12:00 – Lunch  
13:00 – Afternoon Classes  
16:00 – Athletics  
18:00 – Dinner  
19:00 – Evening Study Period  
20:00 – Taps

## Graduation and Service

Cadets will graduate with a Bachelor's of Science degree and be commissioned as an Ensign in the U.S. Coast Guard

Graduates are required to serve 5 years on active duty, but over 80% choose to serve beyond their requirement

## Coast Guard Overview

11 Primary missions: Ports, Waterways, Coastal Homeland Security; Drug Interdiction; Aids to Navigation; Search and Rescue; Living Marine Resources; Marine Safety; Defense Readiness; Migrant Interdiction; Marine Environmental Protection; Ice Operations; Other Law Enforcement

USCGA Graduates: 85% Afloat; 10% Flight; 5% Ashore

USCG Officers: 55% OCS/Programs; 45% USCGA

USCGA Graduates: 80% 5+ Years; 40% 20+ Years