



Glendale High School Naval Science Course Syllabus



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Our program mission is to instill the values of citizenship, service to the United States, personal responsibility and a sense of accomplishment in our students.. We are building tomorrow's leaders today.

Welcome

We are both very honored and pleased that you have chosen our Navy Junior Reserve Officer Training Corps course. We are both committed to your success in all your high school endeavors. While we are looking forward to working with you online, we are equally, if not more so, anxious to have all our cadets on the campus diving into all the fun things we have planned for in-person teaching.

Instructor Availability

We are always pleased to field your emails and phone calls at the numbers listed above. Do not hesitate to reach out, we understand that whether in a traditional classroom or online, questions arise. We will make every effort to get back to you within 24 hours.

Course Background

The NJROTC program was established by Public Law in 1964 which may be found in Title 10, U.S. Code, Chapter 102. The program is conducted at accredited secondary schools throughout the nation, and taught by instructors who are retired Navy, Marine Corps, and Coast Guard officers and enlisted personnel. The NJROTC accredited curriculum emphasizes citizenship and leadership development, as well as our maritime heritage, the significance of sea power, and naval topics such as the fundamentals of naval operations, seamanship, navigation and meteorology. Classroom instruction is augmented throughout the year by extra-curricular activities of community service, academic, athletic, drill and orienteering competitions, field meets, flights, visits to naval or other activities, marksmanship sports training, and physical fitness training.

What does the NJROTC program do?

- Promotes Patriotism
- Develops informed and responsible citizens
- Develops respect for constructed authority
- Develops leadership potential
- Promotes high school completion
- Promotes higher education
- Promotes community service
- Develops a high degree of personal honor, self-reliance, individual discipline and leadership
- Promotes an understanding of the basic elements and need for national security
- Provides information on the military services as a possible career
- Provides an alternative to gangs
- Provides incentive to live healthy and drug free

What are the Benefits to NJROTC?

- Approximately 60 percent of the NJROTC cadets who are graduating seniors continue to higher education.
- The NJROTC program is motivational in encouraging cadets to graduate from high school and continue to higher education offering free ACT/SAT preparation.
- NJROTC cadets are better behaved, have higher attendance, are role models for the avoidance of substance abuse, have higher self-esteem, develop positive life skills, on average have higher grade point averages and graduate at a higher rate.
- Cadets learn the value of teamwork and individual accomplishments from belonging to NJROTC.
- The character education in NJROTC teaches values, principles, and self-discipline promoting positive, productive behaviors and provides a support structure that is critical not only in helping cadets avoid the use of drugs, but living a healthy and fit lifestyle.
- NJROTC provides the opportunity for secondary school students to learn the basic elements and need for national security and their personal obligations as Americans.
- The program enhances the image of the military in the eyes of the community by providing a chance for success to the nation's youth.
- While the training is along military lines, it is conducted so as to encourage initiative and individuality to develop natural gifts, to teach self-control, develop personal character, responsibility and qualities of integrity, loyalty, and dedication.
- Cadets accepted for enlistment, who provide evidence of successful completion of at least 3 years of NJROTC are entitled to advanced promotion to pay grade E-3 upon initial enlistment in an active or reserve component of the Navy, or Air Force, and pay grade E-2 in the Army or Marine Corps; or completion of 2 years are entitled to E-2 in the Navy.
- Senior Naval Science Instructor is authorized to nominate a maximum of three eligible cadets each year to compete for U.S. Naval Academy appointments.
- Administrators of host schools that are designated as Distinguished Units with Academic Honors may nominate three eligible JROTC cadets as candidates for appointment to the U.S. Naval Academy, U.S. Military Academy, and U.S. Air Force Academy in addition to the three nominations above to the U.S. Naval Academy.

What subjects are included in the curriculum?

- CITIZENSHIP -- Instillation of values of good, responsible citizenship.
- NAVAL ORIENTATION -- Basic introduction to the Navy's customs and traditions.
- NAVAL OPERATIONS/ORGANIZATION -- Familiarization with national naval strategy and daily military operations.
- NAVAL HISTORY -- History of the United States Navy from the colonial period to the present.
- NAVIGATION -- Introduction to piloting and navigation.
- SEAMANSHIP -- Introduction to basic seamanship and ship handling.
- LEADERSHIP -- Ongoing study of leadership, with opportunities to develop leadership abilities.
- NAUTICAL ASTRONOMY -- Study of astronomy and its use in navigation.
- ELECTRONICS -- Introduction to electronics as the basis for communications and weapons systems.
- OCEANOGRAPHY -- Information on the collection of data on the world's ocean systems.
- DRILLS, COMMANDS, AND CEREMONIES -- Close order drill and parade ceremonies.
- PHYSICAL FITNESS -- Activities to promote healthy, active lifestyles.

NJROTC Curriculum Description

NAVAL SCIENCE 1

PURPOSE: To introduce students to the meaning of citizenship, the elements of leadership, and the value of scholarship in attaining life goals; promote an awareness of the importance of a healthy lifestyle, including physical fitness, a proper diet, and controlling stress; drug awareness; provide the principles of health and first aid, geography and survival skills and an overview of Naval ships and aircraft. These elements are pursued at the fundamental level.

COURSE CONTENT: Includes introduction to the NJROTC program; introduction to Leadership, Citizenship and the American Government; introduction to Wellness, Fitness, and First Aid to include diet, exercise and drug awareness, introduction to Geography, Orienteering, Survival and Map Reading Skills; Financial Skills and introduction to the U. S. Navy.

NAVAL SCIENCE 2

PURPOSE: To build on the general introduction provided in Naval Science 1, to further develop the traits of citizenship and leadership, and to introduce cadets to the technical areas of naval science and the role of the U. S. Navy in maritime history and the vital importance of the world's oceans to the continued well-being of the United States.

COURSE CONTENT: Includes ongoing instruction into Leadership; introduction to Maritime History, including the American Revolution, Civil War, the rise of the U. S. to world power status, World Wars 1 and 2, the Cold War Era and the 1990s and Beyond; introduction to Nautical Sciences to include Maritime Geography, Oceanography, Meteorology, Astronomy, and Physical Sciences.

NAVAL SCIENCE 3

PURPOSE: Broaden the understanding of students in the operative principles of military leadership, the concept and significance of teamwork, the intrinsic value of good order and discipline in the accomplishment of objectives, and the importance of sea power and national security. Students gain a more in-depth knowledge of Naval ships and aircraft and an introduction to marine navigation and seamanship.

COURSE CONTENT: Includes instruction in Sea Power and National Security, Naval Operations and Support Functions, Military Law, and International Law and the Sea. Provides introduction to Ship Construction and Damage Control, Shipboard Organization and Watch Standing, Basic Seamanship, Marine Navigation, and Naval Weapons and Aircraft. Ongoing instruction in leadership, citizenship and discipline.

NAVAL SCIENCE 4

PURPOSE: Focused primarily on practical leadership techniques and implementation. The intent is to assist seniors in understanding leadership and improving their leadership skills by putting them in positions of leadership, under supervision, then helping them analyze the reasons for their varying degrees of success throughout the year. Classroom activities include seminars, reading assignments, classroom presentations, and practical work with younger cadets. Seniors are mentored/guided in their preparation for life after high school to include college preparation, scholarship applications, and the variety of choices that are available to them.

COURSE CONTENT: Includes instruction in theoretical and applied aspects of leadership, training, and evaluation of performance. Students will become aware of the techniques used to create motivation, develop goals and activities for a work group, and the proper ways to set a leadership example. Students are provided access to ACT/SAT prep courses, guidance in selecting a college and pursuing available scholarships, and mentoring in establishing long range life goals.

Work Based Learning (Learning by doing)

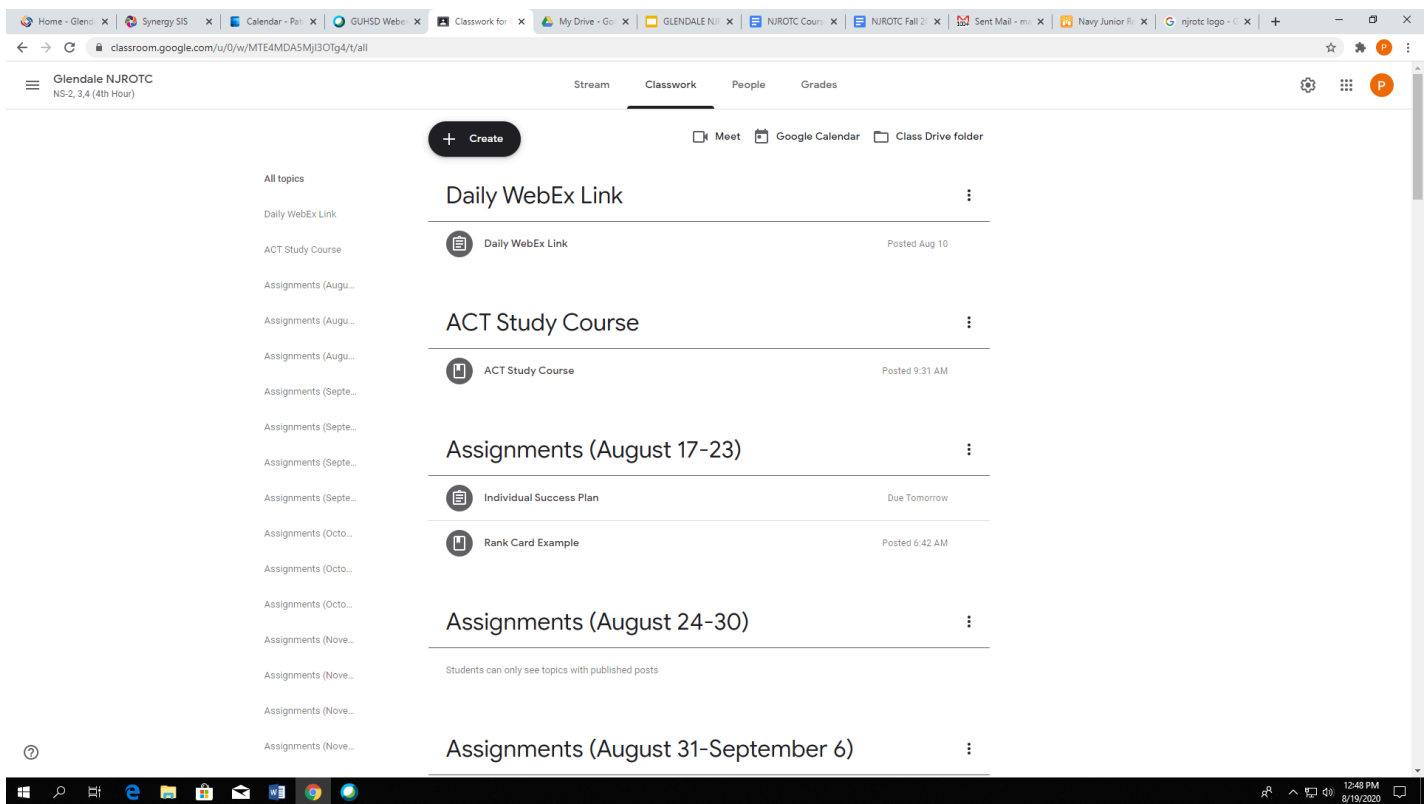
NJROTC cadets participate in a number of outside, or extra-curricular, activities throughout the school year and during the summer months. These opportunities are designed to stimulate learning by hands-on experience and to reinforce classroom instruction. Some of these activities include:

- School and local activities such as parades, community service projects and events (leadership), academic (professionalism), athletic (personal fitness), drill (discipline, teamwork, attention to detail, self control), and orienteering (navigation, teamwork, planning, fitness) events and competitions.
- Leadership training of about 1 week during the spring and summer months to include Basic Leadership Training, Leadership Academy, and other Orientation Training visits.
- Orientation visits (3 to 5 days) to various naval and military bases as well as 3-4 university visits.
- Sailing Academy normally conducted during the summer months.

Class Operations During On-Line Instruction

Cadets will be assigned to a Google Classroom. Inside that classroom there are a variety of Topics in COURSEWORK tab. They include the following Topic Headings:

- Daily WebEx Link: This link will bring up the daily WebEx for attendance, instruction, and collaboration.
- ACT Study Course: This Topic area contains a link to the Peterson's ACT/SAT study website. This is a free course provided by the United States Navy to all cadets. Cadets are to complete the course at their own pace prior to the end of the school academic year for this class.
- Assignments: In this area cadets will find various materials and assignments for the week. There is an Assignments Topic for each school week (Monday - Sunday).
- Reference Materials: In this Topic area cadets will find textbooks, manuals, and our class policy memo on behavior, grading and other class policies.
- WebEx Help: Should the cadet have difficulty with their internet devices with audio or video problems they can find help documents here.
- Study Guides: Depending on the class study guides and materials will be posted here for the cadet to complete.
- Movie and Video Links: From time to time the instructors will post movie or video links that are of interest to the course that do not fall into the "Assignment" area for a particular week.



GRADING POLICY.

Student grades will be assigned as follows:

- 20% Academics
- 20% Followership/Leadership
- 20% Participation
- 20% Physical Fitness
- 20% Uniform

Notes:

1. Each year there are two MANDATORY attendance events for cadets. They are the Annual Military Inspection (AMI) and the End of the Year Awards Ceremony. Failure to attend these events may have an adverse impact on grades for that grading period.
2. During this time of uncertainty with online teaching and the possible transition to in-person class we will adjust the percentages to more accurately represent what we can accomplish in the class. For example, in a perfect world cadets would be wearing uniforms once a week. For obvious reasons they are not so it is possible we would lower the percentage for Uniform and raise the percentage for Academics based on how long they can wear uniforms. We will make every effort to ensure any changes are well announced and do not surprise or negatively impact the students grades at the time of the change.
3. Failure to wear the uniform on the prescribed day will result in a 25 point reduction per day in the points available for the grade that week.
4. Failure to wear a full Physical Fitness uniform will result in a 25 point reduction for not wearing either the shirt or pants, 50 points if the cadet is missing both. The remaining 50 points available are awarded for participation.

Numeric grades will be based on the following criteria:

% Grade	Letter Grade
100.0 – 89.5	A
89.0 – 79.5	B
79.0 – 69.5	C
69.0 – 59.5	D
59.4 – 0	F

Prerequisites

Materials

- Writing Instruments (pencil, pen, highlighters)
- Paper
- Navy Issue Uniform, Required on Uniform Day ,graded, No cost to cadet unless lost or not returned.
- Navy Issue Physical Fitness attire, required on PT day, No cost to cadet unless lost.
- Textbooks are all available for download from the Curriculum page of the Glendale High School NJRTOC Website and hard copies are available in the classroom.

Cell Phone Usage/Electronic Devices

All cell phones need to be turned off and put away in the cadet's backpack prior to entering the classroom, unless otherwise stated by the instructor for class purposes. Backpacks will be placed on racks during class period. There will be times cadets may use the devices in class for review of materials and research at the instructor's discretion. Students will only use these devices using the school wifi system to limit their personal data usage. If devices are out/used during inappropriate times, the student will be given one warning per year, if a second offense occurs the student will turn in the device to the instructor and it will be returned at the end of the class hour. All other electronic devices are not to be used during the class period. Please keep them stored away to prevent distraction, temptation, damage, and theft. After the first warning if the student does not adhere to this policy they will be sent to the Dean to resolve the issue.

Computer Usage

Be advised that any misuse of the Internet, installed software, changing of computer hardware, or inappropriately changing settings that may offend other users may be handled through the Glendale High School Administrative Team and/or the GUHSD Information Technology Department using school and district policies as a guideline. This includes but not limited to:

1. Using someone else's account sign in and password (student, teacher, or administrator) to access the computer or their personal files.
2. Using the computer at an inappropriate time or for personal use.
3. Attempting to access web sites other than what the teacher has directed.
4. Using any type of chat room, social media, or email without instructor permission.
5. Viewing or attempting to access any type of inappropriate material.
6. Downloading, installing, or using any unauthorized software, music player, video player, torrent, etc.
7. Using or attempting to use any kind of proxy website to avoid the school security.
8. Causing any form of damage or alteration of any nature to any equipment including furniture.

Understand that any violation may lead to an immediate referral to the Dean of Discipline, removal from the course, and a revoked student account. Student access to all computers on campus may be suspended/revoked. Some actions may also warrant criminal prosecution and/or expulsion. This policy is enforced at all times. If you are unsure of something, ask, and get permission. If you see damage to any equipment, report it immediately.

Tardy

Students need to be in the classroom when the final bell rings. Students who arrive after the final bell rings will be marked as tardy. The school tardy policy will be enforced as discussed during due process announcements.

Homework

NJROTC is a class like any other. Failure to complete assigned work when required will result in point deductions on the grade for that assignment. In addition, a pattern of missing assignments will be considered a factor in the cadet's followership/leadership grade to a level determined by the instructors.

Cheating

Cheating on any test, copying an assignment or plagiarism of books/internet will result in loss of credit, parent contact, and admin referral.

Synergy ParentVue

We strongly encourage parents to become familiar with and use the ParentVue on Synergy. It allows you to view your child's grades and attendance, and receive additional information from us and other teachers regarding student progress. Parents can download the ParentVue app onto a smartphone or access it through any web enabled device.

Classroom Rules of Conduct

It is the expectation that all students come prepared for class.

- When the teacher is speaking, you are not.
- Be on time and be prepared to begin as soon as the bell rings. (We have a lot to learn. Don't waste my time, and I won't waste yours.)
- Beverages with lids or caps are allowed. Soda cans or other open top containers are not allowed.
- With the exception of food purchased in support of an on campus club or sport fundraiser is allowed. All other food such as fast food, items from home, or purchases from the cafeteria or culinary is not allowed.
- Be kind! This is the precursor to respect. We want you to learn, and we want everyone in the class to have a safe place for feelings, opinions and thoughts. Kindness is important.
- Pay attention and participate in class.
- Any violations of the classroom rules of conduct will be met with the school policies of discipline.

Classroom Norms:

We will:

- Be civil.
- Use appropriate language and tone.
- Be courteous.
- Dress for success.
- Respect the Chain of Command and each other

Consequences

- Warning
- Student / Teacher conference (classroom detention)
- Parent Contact (classroom or administrative detention)
- Severe disruptions: students will be sent directly to the Attendance office.
- We reserve the right to skip any consequence and enforce the next severe consequence when the situation warrants such action.

Covid-19 Precautions and class operations when necessary:

Career and Technical Education courses have always been designed to be hands-on lab environments. During remote learning, alternate lessons were created in order to complete content. In the Hybrid Learning model, the hands-on components will be phased back into the course. While physical distancing will occur when possible in our class, there will be times when students will be working more closely with other students. These occasions could occur when there is limited numbers of equipment or machinery. Equipment and supplies will be cleaned each hour. Students will be required to wear masks and will be able to hand sanitize/wash hands at the beginning and conclusion of each work session. Parental signatures give permission for students to work in the described environment. Without a parent signature, students will work individually on Chromebooks during class time.

Tardy:

As in any other time cadets are expected to join class on time. At no time is a cadet to join a class late, unmute their microphone and ask what they missed. Instead, they should ask that question in the chat so as not to disrupt the class. When possible, the instructor will explain any missed subject matter.

Class Behavior:

Students are expected to join class in an academic manner. Students who join while driving, shopping, playing video games, watching television, or other distracting activities will be asked to leave the class and will be marked absent.

Dress Code:

Cadets will participate in online class meeting the same dress code requirements as if they were on campus. Joining in pajamas, in bed, or out of dress code will not be tolerated. This kind of behavior will be considered in their followership/leadership grade. Repeated offenses will be referred for disciplinary action at the Dean Level.