COLDSPRING-OAKHURST HIGH SCHOOL

TX - 20066 AIR FORCE JUNIOR ROTC

2023 - 2024 SY COURSE SYLLABUS

OUR MISSION: To develop citizens of character dedicated to serving their nation and community.

COURSE NAME: Aerospace Science 200: Principles of Flight Leadership Education 200: Learning to Communicate

CREDIT HOURS: 1 General Elective or 1 Physical Education Elective

INSTRUCTOR'S NAMES: MSgt David Williams III, USAF (Ret)

REQUIRED TEXT AND MATERIALS:
- Aerospace Science 200: Principles of Flight
- Leadership Education 200: Learning to Communicate
- VEX V5 EDR
- AF Manual 36-2203, Personnel Drill and Ceremonies, V-2627
- Drill and Ceremonies Student Workbooks
- Videos
- Cadet Guide

COURSE DESCRIPTION:

Aerospace Science AS 200: The Science of Flight: A Gateway to New Horizons is an introductory course and customized textbook that focuses on how airplanes fly, how weather conditions affect flight, flight and the human body, and flight navigation. The course is designed to complement materials taught in math, physics, and other science related courses and is aligned with the National Science Education Standards, the Math Standards and Expectations, and ISTE National Educational Technology Standards for Students. In

Leadership Education 200: Communication, Awareness, and Leadership, Second Edition, is a customized course designed to improve communication, enhance awareness of self and others, and provide fundamentals of leadership and followership. The course focuses on the Air Force Junior Reserve Offi cer Training Corps (AFJROTC) mission to "develop citizens of character dedicated to serving their nation and community." Woven throughout is the underlying theme of developing personal integrity. The course also emphasizes leadership and values such as service and excellence. This update incorporates 21st century teaching, learning, and skills of critical thinking, communication, collaboration, and creativity.

LE100: It introduces cadets to history, organization, mission, traditions, goals, and objectives of JROTC for all services. It also introduces key military customs and courtesies, describes how to project a positive attitude, and examines the principles of ethical and moral behavior. It provides strategies for effective note taking and study skills for academic success. Lessons cover how to be emotionally, mentally, and physically healthy. Avoiding and preventing violence in today's society will also be covered. Recognizing types of bullying and how to advocate for prevention of this type of behavior. It covers healthy living, physical fitness, and how to make safe, drug-free, and responsible decisions. This textbook also examines the negative effects of air and water pollution, and how to help keep the environment safe. Cadets will be introduced to civics and our national government, including a historical understanding of the American flag and other important national symbols. The final chapter covers how the US Constitution protects our rights and freedoms as American citizens.

VEX V5 EDR STEM Labs:

STEM Labs are fun STEM engagements that align to educational standards. All STEM Labs contain Activities that are structured around iterative, engineering design processes, real-world applications and opportunities for students to build teamwork and collaboration skills. STEM Labs provide students with hands-on, minds-on engagement that encourages students to design creative solutions and innovate through experimentation. STEM Labs are flexible enough to be used in any instructional setting (e.g. in-school, after-school, camps, or VEX robotics teams/clubs).

The course outcomes:

All students are natural scientists and engineers. They love to question, tinker, experiment and play. VEX competitions foster these skills and capitalize on the motivational effects of competitions and robotics to help all students create an identity as a STEM learner. VEX competitions are also a great way to expose students to valuable soft skills like communication, collaboration and time-management in a fun and authentic way. The VEX Robotics competition prepares students to become future innovators with 95% of participants reporting an increased interest in STEM subject areas and pursuing STEM-related careers. Tournaments are held year-round at the regional, state, and national levels and culminate at the VEX Robotics World Championship each April!

Drill and Ceremonies: Drill Curriculum (Cumulative)

The Drill and Ceremonies manual is used to teach the Drill Curriculum (Cumulative) course by providing an in-depth introduction to drill and ceremonies.The course concentrates on the elements of military drill, and describes individual and group precision movements, procedures for saluting, drill, ceremonies, reviews, parades, and development of the command voice. Cadets are provided detailed instruction on ceremonial performances and protocol for civilian and military events and have the opportunity to personally learn drill.

The course outcomes:

First/Second Semester

After successfully completing AFM 36-2203: Personnel Drill and Ceremonies, the student will:

1. Know the importance of drill and ceremonies.

2. Know basic commands and characteristics of the command voice.

3. Apply and execute the concepts and principles of basic drill positions and movements.

4. Know when and how to salute.

5. Apply the principles and procedures of drill movements used with smaller units to the movement of a squadron.

6. Know the function of the group and the wing.

7. Know how groups and wings are formed.

8. Know the purpose and definition of ceremonies and parades.

Wellness Program: Wellness is an official and integral part of the Air Force Junior ROTC program. Wellness curriculum is instrumental in developing citizens of character dedicated to serving our nation and communities. The program is provided as a tool to help you develop individualized fitness programs for your cadets. Cadets will be given the opportunity to put into practice the wellness concepts that are taught in Leadership Education 100. Instructors are encouraged to include team sports in order to keep the Wellness Program fun and motivating.

The course objective for the Wellness Program is to:

First/Second Semester

Motivate AFJROTC cadets to adopt active, healthy lifestyles beyond program requirements and into their adult lives.

The goals of the Wellness Program are to:

1. Create an individualized fitness program based on national standards by age and gender.
2. Identify areas of improvements for each cadet and provide guidance for improvement.
3. Incorporate a physical fitness and wellness education program to reach fitness goals.

Uniform Day:

Students WILL wear the Air Force JROTC uniform weekly **(Monday)** and the **issued** PT uniform on **(Thursday)**. *If you are in need of or forget a uniform item on inspection day, report to the Cadre prior to 1st period, so that it will not reflect on your grade.*

Grading Procedures: Grades from the Aerospace Science portion of the course count 40% of the AFJROTC final grade and will be graded by the SASI. The Leadership Education portion of the grade counts 40% of the final grade and will be graded by the ASI. The Wellness/Physical Fitness portion of the program counts for the remaining 20% of the final grade and will be graded by the SASI and/or ASI. Drill will be evaluated by the ASI and the SASI.

HABITUAL NON-WEAR OF THE UNIFORM AND FAILURE TO MAINTAIN STANDARDS WILL RESULT IN A FAILING GRADE AND DISMISSAL FROM THE PROGRAM.

Grades will be computed in accordance with standard COCISD grading policy.

MAJOR GRADES	DAILY GRADES
Uniform Wear	Class Attendance, Preparation & Participation
Exams (Midterm & Final)	Quizzes
Parades & Special Events/Activities	Class work/Homework

Grading Scale: As set by the Texas State Board of Education

Grade	Percentage Required
A	93 and above
B	89 - 80
C	79 - 70
F	69 and below

Uniform Wear (Major Grade): Uniform wear is a large part of the Air Force JROTC program. ALL cadets are required to wear the appropriate uniform each Monday, from the start of the school day until released. Make-up day for excused absences on uniform day is the following Thursday. There will be no uniform make-up for unexcused absences. Failing to wear the uniform all day will result in a "0" (zero) grade for that uniform day. Multiple failures to wear your uniform can lead to disenrollment from the course.
Failure to turn in uniforms by the end of the course/year will result in an overall "I" incomplete grade for the course and the principal notified.

Exams (Major Grade): Two types of major exams will be administered during the course: midterms and finals. Tests will be a comprehensive assessment of all material taught since the last test. These tests will cover the concepts taught in all portions (AS, LE, Wellness) of the AFJROTC curriculum.

Class Attendance, Preparation, and Participation (Daily Grade): Today's workforce does not earn a paycheck unless they show up ready for work. Cadets earn grades commensurate with their class participation and effort. Cadets who are not present or prepared cannot participate fully in class. This is especially key to drill and physical fitness. Class preparation includes cadet adherence to proper grooming standards daily as outlined in Air Force Instruction and school dress code.

Presentation: You may be assigned an oral briefing. This assignment will be to demonstrate your verbal communication skills. You will prepare and present a 3-5 minute extemporaneous briefing on a subject to be determined. The target time for this presentation is 5 minutes and points will be deducted for those that are outside the 3-5 minute range. All topics will be submitted to the instructor for approval at a date to be specified later.

Written Assignments: You may be required to complete a Talking Paper covering your presentation topic to be turned in one class before your scheduled presentation. The intent of this paper is to assist you in planning, organizing, and delivery of your presentation. Additional writing assignments may be assigned if it is determined additional research or effort is needed on a particular subject matter.

Attendance: Attendance will be considered in determining your final grade but it is subordinate to measurable performance based on lesson objectives. You will lose points on attendance for being late (5 points from daily grade) or unexcused absences ("0" will be entered as a daily grade, until missed assignments are turned in.) Excused absences will not count against your daily grade, but missed work has to be completed. As an Air Force Junior ROTC cadet, you will be expected to be punctual and present at your appointments.

Quizzes (Daily Grade): Daily quizzes will be administered throughout the course. Quizzes will cover all material taught since the last quiz or test.

Homework/Classwork: Assignments are due at the beginning of the class period, unless otherwise directed by the instructors. For excused absences, the assignment will be due on the next class day that the cadet is present. Assignments not turned in on the due date because of an unexcused absence will receive a "0" (zero) grade for that assignment.

Community Service: Cadets will have multiple opportunities to perform Air Force JROTC sponsored community service during each semester.

Curriculum In Action Trips (CIA)/Field Trips: Throughout the semester, the cadets will have opportunities to participate in school-sponsored activities that serve as an extension of the AFJROTC curriculum. These trips may include NASA, Museums, Military Installations, etc. Cadets must be in good academic and disciplinary standing to participate.

Class Behavior: The nature of the AFJROTC mission, as well as its high visibility within the school and community, requires its members to adhere to higher standards than might be found among the student population. Inappropriate behavior, in or out of uniform, is prohibited while participating in AFJROTC. This behavior includes, but is not limited to, consuming alcohol, drug abuse, tobacco use, horseplay, public displays of affection, fighting, disparaging remarks, insubordination, disrespect, verbal threats and physical attacks.

EXPECTATIONS FOR CADETS

1. Follow the chain of command (i.e. cadet-element leader - Flt/Sgt, Flt/CC, Sqd/CC, DO, VC, Group/CC, ASI, SASI).
2. Always use the titles sir/ma'am when addressing AFJROTC staff and senior ranking cadets.
3. Be on time. Don't be late to class, scheduled events, practices, etc.
4. Always bring your required items to class (notebook, pen/pencil, textbook, etc).
5. Wear the correct uniform on the appropriate day.
6. Place personal belongings under your desk – nothing in the aisle.

7. Raise your hand and wait to be acknowledged; do not talk without permission.
8. Listen respectively and attentively to the speaker/presenter or fellow cadets when they are speaking.
9. Treat others with mutual respect. Profanity, bullying, vulgar language, racial or ethnic slurs, derogatory comments, sexual harassment, or harassment of any fellow cadet or student will not be tolerated.
10. Remain in your seat unless given permission to move about the room
11. Remain professional; do not sit on desks, tables, trash cans, etc.
12. Unauthorized personnel are not allowed in the staff offices or storage room.
13. Always use the trash can to dispose of trash. If you see trash on the floor, clean it up.
14. No eating, drinking and ABSOLUTELY no CHEWING GUM in the classroom.
15. Wearing hats indoors is prohibited.
16. Maintain loyalty to the Corps, school, and your values.
17. No horseplay in the AFJROTC areas.
18. Maintain self-discipline and your self-respect at all times.
19. Do not disrespect instructors, higher-ranking cadet officers and NCOs.

Observe Class Protocol: It is an Air Force custom to stand at attention when a ranking officer or school administrators enters or leaves a room. We will observe this custom in the AFJROTC class. Unless directed otherwise, the first cadet in view of the instructor or administrator who enters the room will call the class to attention. Additionally, you are required to wear your uniform to school on Mondays all day. Cadets are expected to always maintain a high standard of dress and appearance while in uniform. Wear the uniform in a manner that emphasizes pride and keep your personal appearance above reproach (i.e. haircuts, fingernail polish, etc.).

Cell Phones: Cell phone policy is in accordance with the Coldspring-Oakhurst School district.

WHAT YOU CAN EXPECT FROM US:

a. **HELP: BOTTOM LINE,** We want you to succeed. Stop in and see us if you have questions on the course material or regarding the United States Air Force.

b. **STRAIGHT ANSWERS:** The Air Force is a great way of life full of exciting opportunities. Hopefully, you will continue in Air Force JROTC. We will do everything we can to help you. You will be given every opportunity and all the assistance available in order for you to succeed.

OFFICE HOURS: Our standard duty hours are 0710 – 1615 hours. We are in room 702. We have an open-door policy, and you can come by and discuss anything you need to if we are available. You can contact either Instructor through the Remind App, please do not text an Instructors personal cell phone, unless it is an emergency.