



LEESBURG HIGH SCHOOL AIR FORCE JROTC

FL - 041

2022-2023 COURSE SYLLABUS



COURSE NAME: AFJROTC AEROSPACE 100 (9-12th grade students)

The Mission of Air Force JROTC is to develop citizens of character dedicated to serving their nation and community.

CREDIT HOURS: 1

INSTRUCTOR'S NAMES: MSgt Muston and Major Tussing

REQUIRED TEXT AND MATERIALS:

- Aerospace Science 100: Milestones in Aviation History
- Leadership Education I: Traditions, Wellness and Foundations of Citizenship
- AF Manual 36-2203, Personnel Drill and Ceremonies, V-2627
- Selected Video Tapes
- Cadet Guide

COURSE DESCRIPTION:

The course consists of three components: **Aerospace Science** (40%), **Leadership Education** (40%), and **Wellness/Physical Fitness** (20%).

Aerospace Science (AS) 100: This is an aerospace course that includes the latest information available in the history of aviation. The course focuses on the development of flight throughout the centuries. The emphasis is on civilian and military contributions to aviation; the development, modernization, and transformation of the Air Force; and a brief astronomical and space exploration history. It is interspersed with concise overviews of the principles of flight, to include basic aeronautics, aircraft motion and control, flight power and rockets.

During the fall semester/block, we cover units 1-2. During the spring semester/block, we cover units 3-4.

Leadership Education (LE) 100: This introduces the student to the Air Force Junior Reserve Officer Training Corps (AFJROTC) program. Leadership I instills elements of good citizenship; develops informed citizens; strengthens and develops character; and develops study habits and time management. We go over the proper wearing of the Air Force uniform and other Air Force customs and courtesies. **During the fall semester/block, we cover chapters 1-2. During the spring semester/block, we cover chapters 3-5.**

Wellness/Physical Fitness: This portion incorporates the Cadet Health and Wellness Program (CHWP). The CHWP is an exercise program focused upon individual base line improvements with the goal of achieving a Presidential Physical Fitness standard calculated with age and gender. The goal of the CHWP is to motivate JROTC cadets to lead active, healthy lifestyles beyond program requirements and into their adult lives. Cadets will be given the opportunity to put into practice the wellness concepts that are taught in Leadership Education I.

Drill and Ceremonies, cadets will be taught the fundamentals of Drill and Ceremonies. This portion of 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. Students are provided detailed instruction on ceremonial performances and protocol for civilian and military events and have the opportunity to personally learn drill. Most of the work is to be hands-on. This falls underneath the 40% that is to be Leadership.

COURSE OBJECTIVES AND GOALS:

AS 100/ Aerospace Science 100: A Journey into Aviation History (Monday and Tuesdays): fall semester/ Units 1-2, spring semester/ Units 3-4

1. Know the historical facts and impacts of the early attempts to fly.
2. Know the major historical contributions to the development of flight.
3. Know the contributions of the U.S. Air Force to modern aviation.
4. Know the key events of space exploration history.
5. Comprehend how spacecraft, rockets, and launch vehicles are designed and built.
6. Comprehend the latest advances in space technology.

LE 100/Traditions, Wellness, and Foundations of Citizenship (Wednesday and Thursdays): fall semester/Chapters 1-2, spring semester/Chapters 3-5

1. Know the importance of AFJROTC history, mission, purpose, goals, and objectives.
2. Know military traditions and the importance of maintaining a high standard of dress and appearance.
3. Know the importance of attitude, discipline, and respect, and why values and ethics are so important..
4. Know the importance of individual self-control, common courtesies and etiquette.
5. Know that an effective stress management program improves the quality of life.
6. Know why courtesies are rendered to the United States flag and the National Anthem.
7. Know why it is important to be a good democratic citizen.
8. Know the importance of keeping yourself well and helping others stay well.
9. Know the importance of drill and ceremonies.
10. Know basic drill commands and the characteristics of a good command voice.
11. Apply and execute the concepts and principles of basic drill positions and movements.
12. Know when and how to salute.

Wellness and Physical Fitness (Friday): Applies to both semesters

1. Motivate AFJROTC cadets to lead active, healthy lifestyles beyond program requirements and into their adult lives.
2. Create an individualized training program based on national standards by age and gender.
3. Identify areas of improvements for each cadet and provide guidance for improvement.
4. Incorporate a physical training program to reach goals.

UNIFORM DAY: WEDNESDAY and Special Events. Cadets are required to wear their Physical Training uniform on FRIDAYS.

GRADING PROCEDURES: Grades will be determined based on the following:

- a. Tests
- b. Assignments
- c. Quizzes
- d. Weekly uniform wear/inspections
- e. Weekly PT uniform and PT participation
- f. Weekly overall attendance/participation

Grading Scale:

A 90% and above; B 80% - 89%; C 70% - 79%; D 60% - 69%; F 59% 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 Wednesday, from the start of the school day until released. Make-up day for excused absences on uniform day is the following day back to school, with the exception of Friday (PT day). 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. Cadets are required to wear their issued Physical Fitness uniforms on Fridays unless otherwise directed. 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 vice principal notified. Additionally, the student will be placed on the “Fines/Holds” list until the uniforms are paid for/returned.

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.

QUIZZES (Daily Grade): 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 or the cadet has an excused absence that day. 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 Kennedy Space Center, MacDill Air Force Base, 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.

CELL PHONES: Cell phones will be turned off before you come into the classroom. They will also be put away out of sight. If it rings, you will be given a one-time warning. After that the phone will be taken and you will pick it up after school at the appropriate office, utilizing your ID.

EXPECTATIONS FOR CADETS

1. Follow the chain of command (i.e., Cadet Element Leader – Assistant Flight Commander (Flt/CC) – Operations Commander/CC (Ops/CC) – Squadron Commander/ (Sq CC) – Group Commander/ (Group CC) – ASI – SASI). ***DO NOT GO DIRECTLY TO THE CADET GROUP/CC WITHOUT YOUR FLT/CC WITH YOU.***
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 respectfully and attentively to the speaker/presenter or fellow cadets when they are speaking.
9. Treat others with mutual respect. Profanity, 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.
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 or sunglasses indoors is prohibited.
16. Maintain loyalty to the Corps, school, and your values.
17. No horseplay in the AFJROTC areas.
18. Maintain self-control and your self-respect at all times.
19. Do not disrespect instructors, higher-ranking cadet officers and NCOs.

CLASSROOM PROCEDURES:

1. Enter the classroom and proceed directly to your desk.
2. Place books and backpacks under your desk.
3. Stand at the position of "Parade Rest" at the rear of your desk.
4. The flight commander/flight sergeant will call the class to "Attention" when the instructor approaches the podium and salute the instructor and state "The Flight is Ready for Instruction".
5. After the instructor returns the salute, the flight commander will give the command "Parade Rest".
6. The SASI/ASI will take roll. When the cadet's name is called, they will come to the position of "Attention" and answer "Here Sir". After answering roll, they will then return to the position of "Parade Rest".
7. After roll, the Flight Commander will call the flight to "Attention" and place the cadets in their seats with the command "Take Your Seats".
8. Approximately two minutes before the class dismissal bell rings, the instructor will direct the Flight Commander or Flight Sergeant to prepare the class for dismissal. State "PREPARE FOR DISMISSAL". Cadets will stop class work and put books and classroom materials away. Cadets will clean up their desks, pick up any trash in the immediate vicinity of their desks, align their desks with others in their element, and prepare to stand for dismissal, and assume "PARADE REST"
9. When the bell rings or at the signal of the instructor, the Flight Commander/Sergeant will call the flight to "ATTENTION". Cadets will come to the position of ATTENTION at the side of their desk and wait for further instructions.
10. The Flight Commander/Sergeant will check that all trash is picked up and the desks are aligned. The Flight Commander/Sergeant will salute and report to the SASI/ASI "The Flight is Ready for Dismissal". After the SASI/ASI states "Dismiss the Flight", the Flt CC/Flt Sergeant will "DISMISS" the flight. Cadets can then retrieve their personal belongings and depart the classroom.