

AIR FORCE JUNIOR ROTC (NC-20023)

COURSE SYLLABUS

AY 2020-2021

COURSE NAME: AFJROTC (Blended Class)

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

CREDIT HOURS: 1 Elective Credit per semester

INSTRUCTOR'S NAMES: Lt Col Tim Neel and MSgt Michael Laney

REQUIRED TEXT AND MATERIALS: **Aerospace Science 100: Milestones in Aviation**

Chapter 1 Exploring Flight

Lesson 1: Ancient Flight

Lesson 2: The Early Days of Flight

Aerospace Science 300: Exploring Space: The High Frontier

Chapter 4: Deep Space

Aerospace Science 400 (Honors): Management of the Corps

**Leadership Education 100: Traditions, Wellness, and Foundations
of Citizenship**

Chapter 1: Introduction to JROTC Programs

Lesson 1: Organization of the JROTC

Lesson 4: Attitude, Discipline and Respect

Lesson 5: Ethics, Values and Morals

Chapter 3: Be Health Smart

Lesson 3: The Benefits of Physical Activity

AF Manual 36-2203, Personnel Drill and Ceremonies, V-2627

Chapters 1 – 3

- Student Workbooks
- Selected Video Tapes
- Cadet Guide

COURSE DESCRIPTION: AFJROTC is a blended course with AS 100/200/300/400 learning the same curriculum. Upper level Cadets (AS 300/400) will provide mentorship and program leadership for new Cadets (AS 100/AS 200). The course consists of three components: Aerospace Science (40%), Leadership Education (40%), and Wellness/Physical Fitness (20%). The **Aerospace Science** portion acquaints students with the elements of aerospace and the aerospace environment. It introduces them to the principles of aircraft flight and navigation, the history of aviation, development of air power, contemporary aviation, human requirements of flight, cultural and global awareness, geography, the space environment, space programs, space technology, rocketry, propulsion, the aerospace industry, and survival. **Leadership Education** is the portion of the AFJROTC curriculum that develops leadership skills and acquaints students with the practical application of life skills. The leadership education curriculum emphasizes discipline, responsibility, leadership, followership, citizenship, customs and courtesies, cadet corps activities, study habits, time management, communication skills, career opportunities, life skills, financial literacy, management skills, and drill and ceremonies. The **Drill** 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. The **Wellness/Physical Fitness** portion will incorporate 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.

COURSE OBJECTIVES AND GOALS:

Aerospace Science:

1. Describe how humans tried to fly in ancient times.
2. Explain key aviation devices created during ancient times.
3. Examine why machines do not fly the way birds do.
4. Summarize the historical developments of lighter-than-air flight.
5. Describe the early military contributions of lighter-than-air flight.
6. Examine the early contributors to heavier-than-air flight.
7. Comprehend the Milky Way Galaxy and the Sun's place in it.
8. Comprehend the four components of the Galaxy.
9. Comprehend other planetary systems.
10. Comprehend black holes.
11. Comprehend the center of the Milky Way Galaxy.
12. Comprehend the other galaxies and their classifications.
13. Comprehend the five types of space objects.
14. Comprehend the electromagnetic spectrum.
15. Comprehend the Big Bang Theory.

Aerospace Honors (AS400): As outlined by the AFJROTC Curriculum Guide and SASI direction.

Leadership Education/Drill and Ceremonies:

1. Discuss the history of the nation's Junior ROTC programs.
2. Explain the organization of Junior ROTC programs.
3. Examine the lines of responsibility and authority in Junior ROTC programs.
4. Describe the importance of a positive attitude.
5. Describe the importance of discipline.
6. Describe the four basic rules of ethics.
7. Identify the four types of values.
8. Identify the core values of the US military services.
9. Explain cultural and universal norms
10. Describe how to make ethical and moral decisions.
11. Identify your personal code of conduct.
12. Define the benefits of an active lifestyle.
13. Examine ways to increase your level of fitness through exercise.
14. Analyze strategies for improving aerobic capacity, muscular strength and endurance, and endurance, and flexibility to improve overall health.
15. Devise a plan to set and achieve fitness goals.
16. Identify the three stages of an exercise session.
17. Analyze methods to monitor fitness progress.
18. Identify safety concerns when participating in sports.
19. Evaluate the effects of performance-enhancing drugs (PEDs).

Wellness and Physical Fitness

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.
4. Incorporate a physical training program to reach goals.

*****NOTE: UNIFORM ISSUE/WEAR, PT UNIFORM ISSUE/WEAR GRADES, CIA TRIPS, AND COMMUNITY SERVICE ARE TENTATIVE PENDING OUR RETURN TO IN-PERSON CLASSES*****

UNIFORM DAY: WEDNESDAY unless told otherwise by the SASI/ASI. Cadets are required to wear their Physical Training uniform on FRIDAYS.

GRADING PROCEDURES: Grades will be based on a total point concept (0-10) from the following areas: Class projects/presentations/quizzes, weekly uniform inspections, weekly PT uniform wear/participation, with each event being equally weighted. The final exam (drill/written) will count for 25% of your final semester grade. Drill will be evaluated by the SASI/ASI, with assistance from upper level Cadets when appropriate. **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 district grading policy.

MAJOR GRADES	DAILY GRADES
Uniform Wear	Class Attendance, Preparation & Participation
Exams (Midterm & Final)	Quizzes
Parades, Special Events (FBISD Pass & Review, Retreat, etc)	Class work/Homework

GRADING SCALE: As set by the North Carolina/Cabarrus County Board of Education

<u>Grade Required</u>	<u>Percentage</u>
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 absences on uniform day will be the next day you attend class.** 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): 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 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 Air Shows, Field Days, Base Visits, and Curriculum in Action Trips. Cadets must be in good academic (75% or better in all classes), no documented disciplinary actions in Educator Handbook, have not missed any uniform wear/PT wear events, and have less than three (3) absent days from class in the semester.

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 in 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 phone policy is in accordance with Cabarrus County School District instructions. Cell phones will be turned off and turned in as Cadet's enter the classroom. Cadets not adhering to the CCS policy will be referred to school administration as outlined. Any student who refuses to turn over their cell phone will be considered insubordinate and will receive additional disciplinary consequences.

EXPECTATIONS FOR CADETS

1. Follow the chain of command (i.e. cadet-element leader - assist. Flt/CC – Flt/CC – Ops/CC – Sqd/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 SAS/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 "**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 Sgt will "**DISMISS**" the flight. Cadets can then retrieve their personal belongings and depart the classroom.