

Air Force Junior Reserve Officer Training Corps (AFJROTC) Program AY 2020-2021
Fike High School (FHS) North Carolina - 946 (NC-946)

COURSE NAME: ROTC II: Aerospace Science 200 & Leadership Education 200

CREDIT HOURS: 1 General Elective

INSTRUCTORS: Maj Sumler and SMSgt Showman

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

ELECTRONIC TEXTS AND MATERIAL:

- *Aerospace Science 200: The Science of Flight, 2012*
- *Leadership Education 200: Communication, Awareness, & Leadership, 2016*
- *AF Manual 36-2203, Personnel Drill and Ceremonies, 2018*
- *Cadet Guide (Handbook)*
- *Selected Video Media*

COURSE DESCRIPTION: AFJROTC II is a continuation course and builds upon AFJROTC I. Cadets enrolled in this course are expected to perform at an AFJROTC second year level cadet based on proven performance in academics and participation in the Program. The course consists of three components: Aerospace Science (35%), Leadership Education (45%), and Wellness/Physical Fitness (20%). This course is designed to be hands on and built around teamwork concepts. **Full participation** in all AFJROTC areas are needed to be successful in this course. Planning, organizing, coordinating, directing, controlling, and decision-making will be done by cadets. They will put into practice their communication, decision-making, personal- interaction, managerial, and organizational skills. **Parental/Guardian support is highly encouraged and recommended.**

The **Aerospace Science 200** portion is an introductory course 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. We will cover parts of Chapters 1 and 2. This portion will also be supplemented by **Science, Technology, Engineering, & Math (STEM)** with the virtual demonstration of the Flight Simulator devices and Microsoft Flight Simulator software. Cadets are provided the opportunity to design, build or program, as they are exposed to STEM concepts.

Leadership Education 200 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 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. We will cover parts of Chapters 1, 2, 3 and 4. Additionally, cadets will expand beyond 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 refinement of the command voice with greater precision. Students are provided detailed instruction on ceremonial performances and protocol for civilian and military events and have the opportunity to put into practice all learned skills.

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. Cadets will be given the opportunity to put into practice the wellness concepts that were taught in Leadership Education 100.

COURSE OBJECTIVES AND GOALS:

A Gateway to New Horizons: Chapters 1-2

1. Analyze the elements of flight.
2. Evaluate how atmospheric conditions affect flight.

Leadership Education/Drill and Ceremonies: Chapters 1-4

1. Analyze the key factors in communication and critical thinking.
2. Apply the elements of effective writing and public speaking.
3. Analyze the importance of attitude in daily life.
4. Evaluate the ways in which personality and behavior affect relationships with others.
5. Analyze how integrity and character affect behavior.
6. Analyze the foundation for an effective team.
7. Apply effective problem-solving and consensus-building methods.
8. Analyze the Air Force leadership model.
9. Evaluate effective leadership and followership.
10. Know the importance of drill and ceremonies.
11. Know basic commands and characteristics of command voice.
12. Apply and execute the concepts and principles of basic drill positions and movements.
13. Know when and how to salute.

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.

THE LEARNING ENVIRONMENT: Instructors will use Virtual Learning tools such as Google Classroom, Turning Point Cloud, synchronous and asynchronous lecture via Google Meets, individual and limited group work via Google Meets, team-building activities via Google Meets, and other methodologies to ensure cadets accomplish all course objectives.

EXTRACURRICULAR ACTIVITIES: A variety of after-school and weekend activities are normally offered and these are discussed in the Cadet Handbook. This element is “To Be Determined (TBD).”

PARENTAL INVOLVEMENT: Parents are **HIGHLY** recommended and encouraged to participate in cadet learning and are invited to all cadet activities. Parents will receive progress reports and must notify instructor with questions.

UNIFORM DAY: Normally, **WEDNESDAY** and at Special Events. Cadets are required to wear their Physical Training uniform (gear) with appropriate athletic style shoes normally on **FRIDAYS**. Uniform wear is TBD.

GRADING PROCEDURES: Grades from the Aerospace Science portion of the course count 40% of the AFJROTC final grade. The Leadership Education portion of the grade counts 40% of the final grade. The wellness portion of the program counts for the remaining 20% of the final grade. Drill will be evaluated, graded, and used as a milestone. Grades are computed in accordance with district policy as provided in FHS Parent and Student Guide.

| MAJOR GRADES | DAILY GRADES |
|---|--|
| Uniform Wear (Blue, Airman Battle Dress, and Physical Training) & Citizenship/Community | Class Attendance, Preparation, Participation, and Personal Conduct |
| Exams (Midterm and Final) | Quizzes |
| Parades, Special Events (Reveille & Retreat, etc.) | Classwork/Homework |

UNIFORM WEAR (Major Grade): Uniform wear is the largest part of the Air Force JROTC program and **currently TBD. Normally, ALL cadets are required to wear the appropriate uniforms weekly without exception.** Additionally, when not limited, you are required to wear your uniform to class on Wednesday (or otherwise directed) 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, jewelry, etc.).

EXAMS (Major Grade): Two types of major exams may be administered during the course: midterms and finals. Exams will be a comprehensive assessment of all material taught during semester. These exams will cover the concepts taught in all portions (AS, LE, Wellness, Drill) of the ROTC I curriculum. An essay may be required during these examinations. **MOST TESTS WILL BE GIVEN USING THE CLASSROOM PERFORMANCE SYSTEM and/or GOOGLE FORMS.**

CLASS ATTENDANCE, PREPARATION AND PARTICIPATION (Daily Grade): Cadets earn grades commensurate with their overall participation and effort. Cadets who are **not present or prepared** cannot participate fully in the program and course. This is especially key to drill and physical fitness. Class preparation includes cadet adherence to proper grooming standards daily. Attendance will be considered in determining your final grade and is subordinate to measurable performance based on lesson objectives. Your best efforts and completion of all work is expected. As an Air Force Junior ROTC cadet, you are expected to be **punctual and present** at your appointments, class, activities, and events. One major grade is assigned at semester's end to encapsulate overall cadet participation in the program (as determined by current School and County Operating direction).

QUIZZES (Daily Grade): Weekly quizzes may be administered throughout the course.

HOMEWORK/CLASSWORK: Assignments are due at the beginning of the class period, unless otherwise directed or the cadet has an absence that day. The assignment will be due according to WCS/Fike HS policy.

EVALUATION (Major Grade):

You will be constantly evaluated in some form or another during your life. This class is no different! Your overall attitude, demonstrated enthusiasm to learn, and your constructive participation in class will dictate your evaluation grade. Remember that the way you present yourself may push your grade a point higher. **We expect everyone to be prepared for each class by completing reading assignments and/or other assigned tasks and contribute by participating in classroom discussions.** In addition, all assignments must be completed and turned in at the appointed time unless we make arrangements differently beforehand. Lastly, **Self-Evaluations** (Cadet Staff Journals) are required for Leadership Positions (Flight Sergeant, Element Leaders, etc.) and will consist of essay format at least once (at a minimum) a week. This essay is your objective and subjective evaluation of

your performance in the assigned Leader Position(s) and counts for a significant grade. The performance standards are provided in your cadet guide (handbook) under Chapter 19 “CORPS STAFF SELECTION/JOB DESCRIPTIONS.”

ACTIVITY FEE: Not at this time due to school limitations.

COMMUNITY SERVICE: Cadets will have multiple opportunities to perform Air Force JROTC sponsored community service during each semester. Participation is linked to an effective unit. This activity is TBD based on School, County, and State Guidelines.

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 museums, Air Force Bases, Colleges, Universities, etc. Cadets must be in good academic and disciplinary standing to participate. This activity is TBD based on School, County, and State Guidelines.

CLASS BEHAVIOR: The nature of the AFJROTC mission, as well as its high visibility within the school and community, requires members to adhere to higher standards than might be found among the student population. **Inappropriate behavior, in or out of uniform or in-person or virtual**, is prohibited while participating in AFJROTC. Dignity & Respect and Good order & discipline will be maintained and are essential.

CELL PHONES: Cell phone policy is in accordance with Wilson County School and Fike High School instructions. Cell phones must remain turned off and out of sight during the instructional day. Students who use the telecommunications device during the school day must ensure its use is for instructional support only.

CADET CONTRACT: We will discuss the Contract and its intent. Compliance with the contract will be based on current policies governing school, county, and HQAFJROTC Operating Guidance.

CADET EXPECTATIONS ARE LOCATED IN THE CADET GUIDE. A cadet guide will be posted in each Google Classroom and posted on FHS (under academics & Programs) webpage.

WHAT YOU CAN EXPECT FROM US:

- a. **HELP:** BOTTOM LINE, we want you to succeed. Send us an email if you have questions on the material or the 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 possible to help you. You will be given every opportunity and all the assistance available in order for you to succeed.

16 August 2020: Version 3, Semester 1