



SC-20023 AFJROTC COURSE SYLLABUS BLUE RIDGE HIGH SCHOOL SY 2024-25



COURSE NAME: **Aerospace Science (AS) 410:** Survival: Survive, Return; **Leadership Education (LE) 100:** *Traditions, Wellness, and Foundations of Citizenship (2015)*; **Drill:** *Drill and Ceremonies – DAFPAM 34-1203 (2022)*

CREDIT HOURS: (1) Physical Education OR Elective Credit for the entire year

AFJROTC INSTRUCTORS:

Lt Col Ryan McCrae
Senior Aerospace Science Instructor (SASI)
Office: 864-355-1870
Email: rmccrae@greenvilleschools.us

MSgt Russell Routon
Aerospace Science Instructor (ASI)
Office: 864-355-1846
Email: rrouton@greenvilleschools.us

OFFICE HOURS:

Our standard duty hours are 0800 – 1600 hours. We are located in room E129. We have an open-door policy, and you can come by and discuss anything you need to if we are available.

REQUIRED TEXT/MATERIALS:

Aerospace Science 410: Survival: Survive, Return
Leadership Education 100: *Traditions, Wellness, and Foundations of Citizenship*
Leadership Education: *Drill and Ceremonies DAFPAM 34-1203*

TURNING POINT CLOUD (Echo 360): The TPC instructional system is provided by HQ AFJROTC and may be used during all instructional lessons. Cadets will be expected to learn how to use the system with their Chromebooks.

COURSE DESCRIPTION: The course consists of three components: Aerospace Science (40%), Leadership Education (40%), and Wellness/Physical Fitness (20%). The **Aerospace Science 410** (Survival) portion of this course is a review of the basic survival information found in military Survival Training courses. The survival instruction will provide training in skills, knowledge, and attitudes necessary to successfully perform fundamental tasks needed for survival. The course also presents “good to know” information that would be useful in any situation. The information is just as useful to an individual lost hunting or stranded in a snowstorm. For instance, students will learn how medicine procedures, clothing, and shelter can provide personal protection for a survivor in a survival situation. They will learn the necessities for maintaining life in a survival situation, as well as how to travel and prepare for a survival contingency both in and out of the home and school. **Leadership Education 100** is intended for students who are entering the AFJROTC program and beginning their high school studies. It will introduce cadets to history, organization, mission, traditions, goals, and objectives of JROTC for all services. You will learn study skills and note taking and be introduced to civics and our national government. **Drill and Ceremonies:** DAFPAM 34-1203 is used to teach the Drill Curriculum 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. Drill will not exceed 50% of the LE component. **Wellness** is an official and integral part of the Air Force Junior ROTC program. The objective of the Wellness Program is to motivate cadets to lead healthy, active lifestyles beyond program requirements and into their adult lives. For classes awarding elective or PE credit for AFJROTC courses, 20% of available contact time must be devoted to Wellness instruction. The goal of the Wellness Program 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 1. Students **WILL** wear the Air Force JROTC uniform weekly and the **issued** PT uniform on Fridays.

COURSE OBJECTIVES AND OUTCOMES: Instructional plans available upon request.

Aerospace Science 410: Survival: Survive, Return

AS410 Survival: Survive, Return, Chapters 1-4

1. Know and understand how to prepare for the eventuality of a survival situation.
2. Know and understand the conditions that could affect a survivor including both the physical and psychological conditions in a survival situation.
3. Know and understand the basics of personal protection in a survival situation to include body temperature, plants for medicine, clothing, and shelter.
4. Know and understand the necessities to maintain life in a survival situation. These include fire, survival equipment, food, and water.
5. Know and understand orientation and travel in situations to include signaling, navigation using the Sun and Stars and proper land travelling techniques.

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

LE100 Chapters 1, 4-5

1. Introduction to JROTC Programs.
2. Making Safe, Drug-Free Decisions.
3. The Foundations of United States Citizenship.

Drill Chapters 1-4

1. Introduction to Drill and Ceremonies.
2. Commands and the Command Voice.
3. Individual Instruction.
4. Drill of the Flight.

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 improvement for each cadet and provide guidance for improvement.
4. Incorporate a physical training program to reach fitness goals.

UNIFORM DAY: WEDNESDAY and “Special Events” such as Veterans Day, Military Ball, etc. Cadets will wear the Physical Training Gear on FRIDAYS. First year cadets are referred to as “Basics” in the chart below, and have the option to Opt-Out” of wearing the blues uniform by purchasing an official unit polo shirt referred to as the Professional Citizen Attire (PCA) uniform, to wear instead of Blues on uniform days. All cadets have the option to purchase the unit polo shirt to wear on designated days. See chart below to know which days to wear what uniform. Any changes or updates to this timeline will be addressed in class. Second through fourth year cadets are referred to as “Veterans” in the chart below.

Date	Veterans	Basics	Basics (Opt Out)	Events
24 Jan	Class A (svc coat/tie)	PCA (polo)	PCA (polo)	HQ Inspection
29 Jan	OCP	PCA (polo)	PCA (polo)	
5 Feb	OCP	Class A	PCA (polo)	
12 Feb	NO UNIFORM	NO UNIFORM	NO UNIFORM	State House
19 Feb	Cadet Choice	Blues or PCA (polo)	PCA (polo)	
26 Feb	OCP	Class C Mod (no tie)	PCA (polo)	
5 Mar	OCP	PCA (polo)	PCA (polo)	
12 Mar	Cadet Choice	Blues or PCA (polo)	PCA (polo)	
19 Mar	NO UNIFORM	NO UNIFORM	NO UNIFORM	Spring Break
26 Mar	Class C mod.	Class C Mod (no tie)	PCA (polo)	
2 Apr	OCP	Class C (tie/tab)	PCA (polo)	
9 Apr	OCP	PCA (polo)	PCA (polo)	
16 Apr	Cadet Choice	Blues or PCA (polo)	PCA (polo)	
23 Apr	Class A (svc coat/tie)	Class A (svc coat/tie)	PCA (polo)	Picture Day
30 Apr	OCP	Class C Mod (no tie)	PCA (polo)	
7 May (Final Wear)	OCP	PCA (polo)	PCA (polo)	

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

GRADING SCALE: As set by Greenville County Schools.

Grade	Percentage Required
A	90 and above
B	80 - 89
C	70 - 79
D	60-69
F	59 and below

GRADING PROCEDURES:

Aerospace Science
Leadership Education
Wellness

WEIGHT:

40%
40%
20%

NOTE: Grade weight is based on Greenville County Schools policy.

UNIFORM GRADE AND MAKEUP POLICY (Major Grade): Uniform wear is a large part of the AFJROTC program. A cadet may earn up to 100 points. **Cadets are required to ARRIVE at school wearing the appropriate uniform each Wednesday, per the identified uniform wear schedule, and remain in uniform until the end of the school day. Failure to do so will result in a zero for that grade.** Below are situations (not all inclusive) regarding uniform wear as it relates to the uniform grade:

- Cadet wearing the uniform correctly on their designated day the entire school day may earn full credit minus discrepancies found during inspection.
- Cadet has an excused absence on uniform day: The cadet must wear the uniform the first day upon return to school for full credit minus any discrepancies found during the makeup inspection. Two days later, a maximum of 70%. Three days or more = a zero.

- C. Cadet has an unexcused absence on uniform day: The cadet may wear the uniform the next school day for a maximum grade of 70%. If not completed then, the grade will be a zero.
- D. Cadet fails to wear the uniform on the designated day and is present in class: Grade will be a zero with no makeup opportunity.
- E. Cadet wears the uniform, but found wearing it incorrectly, wearing civilian clothes with the uniform, or significant grooming violations: Grade will be a zero with no makeup opportunity.
- F. Cadets who habitually fail to comply with the Uniform Wear Policy to include grooming standards may be removed from the JROTC program at the discretion of the Senior Aerospace Science Instructor.

PT UNIFORM/PARTICIPATION GRADE (Minor Grade): May earn up to 100 points. The cadet will earn 50 points for dressing in the issued PT Gear and 50 points for participation in that day's activities.

FINAL EXAMS (Major Grade): May earn up to 100 points. As opposed to short quizzes, these tests will cover a larger volume of information. TESTS MAY BE GIVEN USING THE TURNING POINT CLOUD (TPC) SYSTEM.

QUIZZES, CLASSWORK, AND DRILL EVALUATIONS: May earn up to 100 points. There may be times when cadets are given class time to work on a short assignment or quiz where grades may be given. Drill evaluations in class will be conducted throughout the year and grades are assigned based on individual effort and willingness to learn the movements.

COMMUNITY SERVICE: Cadets will have multiple opportunities to perform Air Force JROTC sponsored community service during each semester. The goal for each cadet is to earn at least 10 hours between August and April of each school year.

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 military base visits, museums, teambuilding and leadership activities, 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, vaping, horseplay, public displays of affection, fighting, disparaging remarks, insubordination, disrespect, verbal threats, and physical attacks.

ELECTRONIC DEVICES: Electronic device policy is in accordance with Greenville County Schools district instructions. As a general rule, cell phones will not be used in AFJROTC during academic instruction. Only the instructor may allow a cadet to use their phone during classroom instructional time.

EXPECTATIONS FOR CADETS

1. Always use sir or ma'am.
2. Always be on time.
3. Bring required items to class.
4. Wear the correct uniform on the appropriate day.
5. Place bags beside desk or per other class guidance
6. Follow directions...do not talk out of turn.
7. Treat instructors and other cadets with respect.
8. Wear your uniform with pride.
9. Get involved with the corps.
10. Finally, Never Quit!!

CLASSROOM PROCEDURES:

1. Enter the classroom and proceed directly to your desk.
2. Put up your backpacks.

3. Stand at ease or parade rest beside your desk per class instruction.
4. The Flight Commander/flight sergeant will call the class to “Attention.”
5. The Flight Sergeant will call roll.
6. The Flight Commander reports attendance to the instructor.
7. The Flight Commander will give the cadets “seats” and “at ease” and then proceed with the daily briefing.
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.
9. When the bell rings or at the signal of the instructor, the Flight Commander will call the flight to “ATTENTION.” Cadets will come to the position of ATTENTION and dismiss.
10. The Flight Commander/Sergeant will check that all trash is picked up and the desks are aligned.

WHAT YOU CAN EXPECT FROM US:

1. HELP: We want you to succeed not just in our class, but in all of your classes. The goal is for each cadet to have a minimum GPA of 3.0 per semester with zero D’s or F’s and zero in or out of school suspensions. Stop in and see us if you have questions on the course material, college, job applications or the military! You will have an upper-class cadet mentor and can request a tutor anytime you need one. Asking for help is a sign of strength, not a sign of weakness!

2. STRAIGHT ANSWERS: The Air Force is a great way of life full of exciting opportunities. Hopefully, you will continue in Air Force JROTC and lead your program and fellow cadets one day. We will do everything we can to help you find your path(s) forward; whatever path you believe is right for you! You will be given every opportunity and all the assistance available in order for you to succeed both in high school and beyond. Whether you choose to take our advice is up to you!

3. ACCOUNTABILITY: We will set realistic, attainable expectations and have very clear standards and goals in our program. We will hold you accountable for your actions and decision-making. This means we will celebrate your accomplishments; it also means when you stray from making good decisions, we will help you understand how to make better decisions going forward.

4. FOLLOWERSHIP AND LEADERSHIP OPPORTUNITIES: Our program is cadet led! Don’t be afraid to step up and lead whether it is a class leader position or community service lead, etc. We will help, guide and provide you all the tools to do your job and be successful!

PLEASE SIGN AND RETURN

Parents and Students: Please read through the SY 24/25 AFJROTC Syllabus, sign and return to acknowledge the procedures for this class. Thank you and we look forward to a great semester!

Student Name: _____

Dear Parents/Guardians and Students,

The previous document is a copy of the course syllabus for students in an AFJROTC class at Blue Ridge High School. Please read and return this page signed below. If you have any questions please feel free to call or email the instructors.

I have read the AFROTC course syllabus and understand the requirements.

Parent/Guardian Signature_____Date_____

Student Signature_____Date_____

AS 410 Movie Permission Slip

Dear Parents,

I will be showing a movie *Cast Away* to provide context on our Survival curriculum this semester. This film is rated PG-13. As required by district policy, I am requesting permission for your child to watch this film in my classroom.

Please sign the form below and return it to school with your child. Alternate assignments will be provided for students if permission is not granted to view the movie. If you have any questions, please do not hesitate to contact me.

Sincerely,

RYAN C. MCCRAE, Lt Col, USAF (Ret)

Senior Aerospace Science Instructor

Blue Ridge High School

AFJROTC / SC-20023

rmccrae@greenvilleschools.us

Please complete the form below and return it to school by Friday, December 6, 2024

Student Name: _____

_____ I give my child permission to view the movie(s)/television show(s) above.

_____ I do not give my child permission to view the movie(s)/television shows(s) above. Please provide an alternate assignment.

Parent Signature

Date