



# TUSCOLA AIRPOWER



## **A16.B.—AIR FORCE JUNIOR ROTC (NC-075) COURSE SYLLABUS AY 2016-2017, 1st Semester AS-2/AS-3/AS-4**

### **A16B. COURSE NAME: AS-2/AS-3/AS-4**

The Mission of Air Force Junior Reserve Officer Training Corps (AFJROTC) is to develop citizens of character dedicated to serving their nation and community.

**A16B.1. CREDIT HOURS:** One Elective Credit for the entire semester.

**A16B.2 PREREQUISITES:** Any student that is interested in AFJROTC and citizenship should consider this course.

**A16B.3. INSTRUCTOR NAMES:** Lieutenant Colonel Sutton & Senior Master Sergeant Robertson.

**A16B.4. COURSE DESCRIPTION:** AS-2/AS-3/AS-4 is a course taking the secondary steps in cadet development. The course consists of three components: Aerospace Science (40%), Leadership Education (40%), and Wellness/Physical Fitness (20%). **Aerospace Science 100: A Journey into Aviation History (AS-100)** is an aviation history course focusing 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. **Leadership Education 300: Life Skills & Career Opportunities (LE-300)** provides an essential component of leadership education for today's high school students. This course is designed to prepare students for life after high school in the high-tech, globally oriented, and diverse workplace of the 21st century. Students will learn how to become a more confident financial planner and to save, invest, and spend money wisely, as well as how to avoid the credit trap. They will learn about real-life issues such as understanding contracts, leases, warranties, legal notices, personal bills, practical and money-saving strategies for grocery shopping, apartment selection, and life with roommates. The Holland Interest Inventory and other self-assessments will help them to reveal their attitudes, aptitudes, and personal skills. This self-understanding will allow them to explore career paths and understand requirements that they will need to be successful at work and in life. To help students increase their potential for success through education, they will learn how to select a school that is right for them; how to apply for admission to a vocational or technical school, community college, or college/university; and how to succeed in these learning environments. Information is provided on how to conduct the job search for students who wish to enter the workforce right after high school or after additional education and training. They will learn how to prepare a winning résumé, and how to develop effective interviewing skills. Students will become more skilled at using the Internet for career research and learn how to network safely using social media. The text also provides information on working for the federal government to include careers in the military, aerospace industry, and public service. Finally, students will consider the most important elements of life skills for all Americans: civic responsibilities, such as volunteering, registering to vote, jury duty, and draft registration. The **Drill and Ceremonies** course provides an in-depth introduction to drill and ceremonies. (*continued...*)



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**(continued...)** 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. Cadets receive detailed instruction on ceremonial performances and protocol for civilian and military events and have the opportunity to personally learn drill. Though each class will follow an established lesson plan, 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 by age and gender. The goal of the CHWP is to motivate AFJROTC 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 LE-100. Students **WILL** wear the **issued** physical fitness training (PT) uniform on **Tuesdays** and the AFJROTC blue uniform on **Wednesdays**.

## **A16B.5. REQUIRED TEXT AND MATERIALS**

AS-100: A Journey into Aviation History, Units 3 & 4

LE-300: Life Skills & Career Opportunities, Chapters 1-4

Introduction to Drill & Ceremonies

Air Force Manual 36-2203, *Drill and Ceremonies*

Air Force Instruction 36-2903, *Dress and Personal Appearance of Air Force Personnel*

Selected Videos

Cadet Guide & Cadet Officer/SNCO mentoring

## **A16B.6. COURSE OBJECTIVES:**

### **A16B.6.1. AS-100: A Journey into Aviation History (Units 3 & 4):**

1. Know the contributions of the U.S. Air Force to modern aviation history.
2. Know the key events of space exploration history.

### **A16B.6.2. LE-300: Life Skills & Career Opportunities (Chapters 1-4):**

1. Analyze the elements of successful financial management skills.
2. Create a plan to safeguard personal resources.
3. Analyze the different ways of pursuing a career path.
4. Analyze the requirements for applying to a college or university.

### **A16B.6.3. Drill & Ceremonies**

1. Know the importance of drill and ceremonies.
2. State the importance of drill and ceremonies.
3. List the symbols that represent the leaders of the flight and squadron.
4. List all the basic military drill terms.
5. Know the 30-command sequence.

### **A16B.6.4. 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 fitness training program to reach goals.



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**A16B.7. UNIFORM DAY: WEDNESDAY and Special Events (Parades, Military Ball, etc.). Cadets are required to wear their Physical Fitness Training uniform (aka "PT Gear") on TUESDAYS (part of their grade).**

**A16B.8. GRADING PROCEDURES:** Cadets are graded based on their attitude, willingness to participate, and compliance with procedures. Cadets receive three standards grades each week: Weekly Physical Fitness grade, Weekly Uniform Inspection grade, and Weekly Discipline grade. Weekly Physical Fitness grades and Weekly Discipline Grades are worth 100 points each week, and Weekly Uniform Inspections are worth 200 points each week. In addition, cadets receive participation grades for special events such as parades or cadet promotion boards. Cadets who fail to wear the issued PT uniform will receive a maximum Weekly Physical Fitness grade of 70. Cadets who fail to wear the AFJROTC blue uniform will receive a Weekly Uniform Inspection grade of zero. Initially, failure to wear the PT uniform or AFJROTC blue uniform will only impact the Weekly Physical Fitness grade or Weekly Uniform Inspection grade respectively. If cadets consistently refuse to wear the PT uniform or AFJROTC blue uniform over a period of time, it will impact their Weekly Discipline grade also. The Weekly Discipline grade takes into account a cadet's overall discipline for each week. **HABITUAL (REPEATED) 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.

<b>Course Evaluation</b>	<b>Number of Points Awarded</b>
1. Weekly Physical Fitness (16 at 100 points each)	1,600
2. Weekly Uniform Inspection (13 at 200 points each)	2,600
3. Weekly Discipline (17 at 100 points each)	1,700
4. Parades, Special Events, Projects (1 at 100 points each)	100
5. End-of-Semester Final Exam* (1500 points)	1,500
	Total <u>7,500</u>

\*The Final Exam will appear in the electronic gradebook as being worth 100 points, but the Final Exam counts for 20% of the overall grade for the course. Therefore, the adjusted value of the Final Exam is 1,500 points.

**A16B.9. GRADING SCALE: As set by the North Carolina State Board of Education**

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

**A16B.10. UNIFORM WEAR:** Uniform wear is a major part of the AFJROTC program. ALL cadets are required to wear the appropriate uniform each **Wednesday from the beginning of the school day until released from school (0755 - 1500).** Cadets who do not wear their uniform to school on Wednesday will receive a uniform grade of zero. The SASI occasionally grants exceptions to cadets with adverse circumstances. Cadets with adverse circumstances requesting an exception must have their parent/guardian call or email the SASI explaining the situation; a typed/written note requesting an exception does not suffice. "I woke up late and didn't have time to get my uniform ready" or "I forgot to wear my uniform today" are not considered adverse circumstances. Cadets granted an exception by the SASI must wear their uniform the next school day if possible. **(continued...)**



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**(continued...)** Cadets who are absent or in out-of-school suspension (OSS) on Wednesday should wear their uniform the day they return to school. Cadets in in-school suspension (ISS) should still wear their uniform to school; Mr. Perry supervises ISS students and will allow them to report to the AFJROTC classroom for their Wednesday uniform inspection. Occasionally, the SASI may direct cadets to wear the uniform on a different day of the week (usually Tuesday) if wearing the uniform on Wednesday is not practical (i.e. no school on Wednesday). Failing to wear the uniform all day will result in a “0” (zero) grade for that uniform day. Failure to turn in uniforms by the end of the semester/year will result in a being placed on the “**Obligations**” list until the uniforms are returned to NC-075 or paid for in full.

**A16B.11. FINAL EXAM:** There are 4 components to the AFJROTC final exam. Component 1 is an Open Ranks inspection of the cadet uniform. Component 2 is an assessment of each class period's drill performance as a unit (flight). Component 3 is a 2-part written exam: Part 1 consists of 35 open-book multiple choice or true/false questions, and Part 2 consists of 15 closed-book multiple choice or true/false questions. Component 4 is uniform turn-in at the end of the semester.

Each component is scored as a percentage from 0% to 100%. The percentage is then multiplied times the number of points the component is worth. For example, if a student scores 80% on the drill component of the exam (drill exam is worth 20 points), the student earns 16 points for that component of the final exam. The points for each component are added up to determine the student's total final exam score. A student who scores 100% on all 4 components of the final exam will receive a score of 100 on the final exam. If a student misses a component of the final exam (i.e. the student is absent), the student's percentage of points earned on the components completed will be used to calculate the student's final exam score out of a total of the remaining points possible. For example, if a student is absent for the drill component of the exam but completes all other components, the student's percentage of points earned on the components completed will be used to calculate the student's final exam score out of a total of 80 points. The point breakout for each component of the final exam is listed below:

Uniform Inspection:	50 points
Drill:	20 points
Uniform Turn-in:	20 points
Written Exam:	10 points
Total:	100 points

**A16B.12. WEEKLY DISCIPLINE GRADE:** The nature of the AFJROTC mission, as well as its high visibility within the school and community, requires it members to adhere to “**Higher Standards**” than most of 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 (to include spreading rumors) and physical attacks. 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 during drill, physical fitness, and uniform inspection days. Weekly Discipline includes cadet adherence to published rules and proper grooming standards daily as outlined in AFJROTC, Air Force, and school guidance.



**A16B.13. COMMUNITY SERVICE:** Cadets will have multiple opportunities to perform AFJROTC-sponsored community service during each semester both during school hours and outside of school hours; cadets are expected to participate.

**A16B.14. 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 outside the classroom and away from the school campus. Cadets must be in good academic and disciplinary standing to participate.