



TUSCOLA AIRPOWER

A16D.—AIR FORCE JUNIOR ROTC (NC-075) COURSE SYLLABUS AY 2016-2017, 2nd Semester AS-1B/AS-2/AS-3/AS-4

A16D. COURSE NAME: AS-1B/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.

A16D.1. CREDIT HOURS: One Elective Credit for the entire semester.

A16D.2. PREREQUISITES: Any student that is interested in AFJROTC and citizenship should consider this course.

A16D.3. INSTRUCTOR NAMES: Lieutenant Colonel Sutton and Senior Master Sergeant Robertson

A16D.4. COURSE DESCRIPTION: AS-1B/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 200: The Science of Flight: A Gateway to New Horizons (AS-200)** is an introductory course and customized textbook that focuses on how airplanes fly, how weather conditions affect flight, flight, flight and the human body, and flight navigation. **Leadership Education 200: Communication, Awareness, and Leadership (LE-200)** stresses communications skills and cadet corps activities. Much information is provided on communicating effectively, understanding groups and teams, preparing for leadership, solving conflicts and problems, and personal development. Written reports and speeches compliment the academic materials. Cadet corps activities include holding positions of greater responsibility in the planning and execution of corps projects. The **Drill and Ceremonies** course provides an in-depth introduction to 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. 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**.

A16D.5. REQUIRED TEXT AND MATERIALS

AS-200: The Science of Flight: A Gateway to New Horizons; Chapters 3 & 4
LE-200: Communication, Awareness, and Leadership; Units 1 & 2
Introduction to Drill & Ceremonies
Air Force Manual 36-2203, *Drill and Ceremonies*

NC-075 Cadet Guide (Dec 2016)

ATTACHMENT 16D—AFJROTC (NC-075) Syllabus AY2016-2017 (2nd Semester) AS-2/AS-3/AS-4



Air Force Instruction 36-2903, *Dress and Personal Appearance of Air Force Personnel*
 Selected Videos
 Cadet Guide & Cadet Officer/SNCO mentoring

A16D.6. COURSE OBJECTIVES:

A16D.6.1. AS-200: The Science of Flight: A Gateway to New Horizons (Chapters 3 & 4):

1. Evaluate how flight affects the human body.
2. Analyze flight navigation and the purpose of aerial navigation aids.

A16D.6.2. LE-200: Communication, Awareness, and Leadership (Units 1 & 2):

1. Apply the key factors of effective communications.
2. Know the ways in which personal awareness affects individual actions.

A16D.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.

A16D.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.

A16D.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).

A16D.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.

Course Evaluation	Number of Points Awarded
1. Weekly Physical Fitness (16 at 100 points each)	1,600
2. Weekly Uniform Inspection (13 at 200 points each)	2,600



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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)	<u>1,500</u>
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.

A16D.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

A16D.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. 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.

A16D.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



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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
<u>Written Exam:</u>	<u>10 points</u>
Total:	100 points

A16D.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.

A16D.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, and cadets are expected to participate.

A16D.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.