

Aerospace Science IV Course E-Syllabus

COURSE NAME: Aerospace Science: Policy and Organization

CREDIT HOURS: .5 Credits

INSTRUCTOR'S NAME: Lt Col Jacqueline S. Hamlin

REQUIRED TEXT: Aerospace Science: Policy and Organization

COURSE DESCRIPTION:

Aerospace Science:

Policy and Organization establishes the foundation for understanding the United States Air Force and delves into the purpose of the Department of Defense and the Air Force. The text describes the functions of the four branches of service. It discusses and describes the United States' National Security Strategy and gives a brief history of the military. The Nixon, Ford, Carter, Reagan, Bush, Clinton, and the current George W. Bush administrations are discussed. It discusses the defense structure of the United States to include descriptions of the objectives, mission, and organization of the Army, Navy, Marines, and the Coast Guard. Also covered are the organization, mission, and operations of the United States Air Force. Lastly, the text focuses on current operational and personnel Air Force issues.

This course will normally be conducted using lecture format supplemented with powerpoint presentations, newspaper clippings, guest speakers, internet examples, films and group discussions.

The course objectives are:

1. Know the importance of the United States National Security Strategy.
2. Know the major historical milestones, military policies, structures, missions, aircraft, organization, and capabilities of each branch of the military.
3. Know the Ford, Carter, Reagan, Bush, Clinton, and the current George W. Bush administrations.
4. Know current Air Force Issues.

COURSE CONTENT:

CHAPTER 1: National Security Strategy

CHAPTER 2: Military Historical Perspective

CHAPTER 3: Defense Structure of the United States

Part I (Objectives of the Military Forces – Military Departments)

Part II (United States Army)

Part III (United States Navy)

Part IV (United States Marine Corps – United States Coast Guard)

CHAPTER 4: United States Air Force

Part I (Organization – The Thunderbirds)

Part II (Air Education and Training Command –
Civil Air Patrol)

Part III (Air Force Materiel Command – Pacific Air Forces)

Part IV (U.S. Air Forces in Europe (USAFE))

CHAPTER 5: Air Force Issues

UNIFORM DAY/PHYSICAL CONDITIONING:

Cadets will be issued an AFJROTC uniform and physical fitness uniform. Specific AFJROTC uniform items will be worn on Wednesday or Thursday of each week, based on “A” Day/”B” Day schedule. Cadets are inspected on compliance with uniform standards, for a maximum of 100 points/inspection. Wellness is an official part of the Air Force Junior ROTC program. It is instrumental in developing citizens of character dedicated to serving our nation and communities. Wellness is integrated as 20% of the overall program, so that the course composition is 40% AS, 40% LE and 20% wellness. We emphasize a crawl-walk-run methodology. **AFJROTC PHYSICAL HEALTH SCREENING QUESTIONNAIRE must be completed prior to participating in the Cadet Physical Training (PT) Program.**

CONSEQUENCES:

Uniforms must be worn the entire school day on specified uniform days, with the exception of those classes which require special clothing, such as gym. Your AFJROTC instructor must grant special permission for non-wear of uniform in advance. A student, who does not wear the uniform on the assigned day because of absence or special permission, will make up that leadership infraction by wearing the uniform on their next full day of school. Failure to do so will result in a permanent non-wear grade of zero. Wear on a half day of school will not be considered an adequate substitute for wear on a normal full day of school. No credit will be given for half-day wear unless an AFJROTC instructor grants

special permission in advance. Long-term non-wear for legitimate reasons, usually medical, is permitted. However, these should be justified by a formal written excuse by a proper authority, such as a doctor. Cadets are expected to make up the non-wear (including long term) in the quarter in which they occur. The opportunity to make-up a uniform wear is a privilege granted to cadets and should not be abused. At the end of a quarter, except in excused circumstances, a cadet with three or more missed uniform wears that have not been made up will automatically fail the course for the quarter.

Additionally, cadets may lose points as follows:

- Repetitive uniform and grooming standard violations will result in doubling of the points deducted each week thereafter that the same discrepancy is identified. This could result in loss of field trip privileges.
- In-school suspension (ISS) is a 10 point reduction in any course work received for the days in ISS.
- Out-of-school (OSS) is a 20 point reduction in any course work for the days absent.
- Classroom referrals will result in a 5 point reduction per occurrence.
- Tardiness will result in a 2 point reduction per occurrence.
- Violations of classroom rules vary from 2-5 point per occurrence.
- Late assignments will result in a 15% reduction of assigned score.

GRADING PROCEDURES:

Grading factors will be adjusted according to all individualized 504 Plans, IEPs, etc. For those students requiring special attention or teaching efforts, the department instructor will attempt to accommodate these requirements to the best of their abilities within the classroom environment.

FACTORS	BRIEF DESCRIPTION	GRADE PERCENTAGE PER QUARTER
CLASSWORK LEADERSHIP LAB	-DAILY WORK HABITS -PROPER USE OF MILITARY CUSTOMS COURTESIES - UNIFORM INSPECTION; DRILL; LEADERSHIP -MILITARY BEARING	40%
HOMEWORK; WRITTEN ASSIGNMENTS (ORAL AND WRITTEN)	-ASSIGNMENTS GIVEN (FOR COMPLETION OUTSIDE OF CLASS) FOR PRACTICE AND/OR PREPERATION FOR INSTRUCTION; -WORKBOOK ASSIGNMENTS -PHYSICAL CONDITIONING/TRAINING -WORKSHEETS -CURRENT EVENT REPORTING -GROUP INTERACTION	20%

	-PREPARATION FOR CLASS -CLASS PARTICIPATION -WARM-UPS -PORTFOLIOS/NOTEBOOK INSPECTIONS -WRITTEN ASSIGNMENTS DIRECTED BY THE PROGRAM OF INSTRUCTION.	
ASSESSMENT TESTS, QUIZZES, PROJECTS	ASSESMENTS:VARIED IN FORMAT AND TASK TYPE TO COLLECT EVIDENCE OF LEARNING MAY INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING: -TESTS AND QUIZZES -REPORTS AND ESSAYS -SPECIAL PROJECTS AND PRESENTATIONS -PROMOTION PROGRAMS -PASS-IN-REVIEW	40%

Grading Scale (based on Prince George’s County Grading Scale)

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

CURRICULUM-IN-ACTION (CIA TRIPS): Cadets are provided opportunities to leave school on field trips. These trips may include visits to museums, Air Force installations, colleges, NASA, the White House, military academies, drill competitions, parades and other county schools. Other visits may be to area middle schools to recruit students for the AFJROTC Program, and community service activities such as a veteran’s home or hospital.

Carletta Marrow
Principal

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