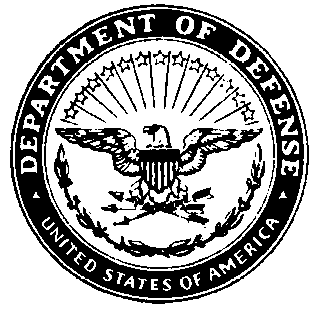
**DEPARTMENT OF THE AIR FORCE**

AIR FORCE ROTC DETACHMENT 165



12 January 2012

MEMORANDUM FOR AS2220 STUDENTS

FROM: FIRST LIEUTENANT CALVIN COKER, AS2220 INSTRUCTOR

SUBJECT: AS2220 Syllabus – The Evolution of USAF Air and Space Power II

1. Welcome to AS2220! This is a 1 Credit-Hour survey course designed to give you a historical overview of the United States Air Force as it pertains to the evolution of Air and Space Power. If you are an AFROTC Cadet, you must also be scheduled for AS2221, AFROTC Leadership Laboratory (LLAB). This is a mandatory course that complements AS2220. LLAB, for the AS200/250 cadets, will focus on Field Training Preparation and is crucial to your success in AFROTC. I hope that you find this class interesting and worthwhile and I hope you all have a successful Spring Semester!
2. Instructor: First Lieutenant Calvin Coker

E-Mail: [calvin.coker@afrotc.gatech.edu](mailto:calvin.coker@afrotc.gatech.edu)

Office Phone: (404) 894-7386

Office: O’Keefe Bldg (2nd Floor), Rm 205E

Office Hour: Tuesday/Thursday 0900 – 1000

\*If you cannot make scheduled office hours, appointments are preferred but not required

\*\* Appropriate reporting procedures must be used when attending office hours/appointments

1. Textbooks
   1. The Evolution of USAF Air and Space Power (T-206) – **MUST BE RETURNED**
   2. The Tongue and Quill (AFH 33-337) – **STUDENT RETENTION**
   3. AFPAM 10-100, Airman’s Manual (T-401) – **STUDENT RETENTION** *(Will be issued at LLAB)*
2. Course Description: The Evolution of Air and Space Power course is designed to examine the general aspects of air and space power through a historical perspective. Utilizing this perspective, the course covers a time period from the first balloons and dirigibles to the space-age systems of the Global War on Terror. Historical examples are provided to extrapolate the development of Air Force distinctive capabilities (previously referred to as core competencies), and missions (functions) to demonstrate the evolution of what has become today’s USAF. Furthermore, the course examines several fundamental truths associated with war in the third dimension: e.g., principles of war and tenets of air and space power. As a whole, this course provides the students with a knowledge level understanding for the general element and employment of air and space power, from an institutional, doctrinal, and historical perspective. In addition, the lessons will be further explained in terms of the Air Force Core Values with the use of operational examples. Additionally, students will periodically conduct communication studies assignments to meet Air Force communication skills requirements.
3. Course Objectives
4. Know the key terms and definitions used to describe air and space power.
5. Comprehend the events, leaders, and technical developments that surrounded the evolution of USAF air and space power.
6. Demonstrate basic verbal and written communication skills.
7. Comprehend the Air Force Core Values and examples of their use throughout the evolution of USAF air and space power.
8. Class Preparation:
   1. Each lecture requires knowledge of the readings listed on the attached course schedule. I expect these readings to be accomplished PRIOR TO THE LECTURE. This will help to stimulate a healthy academic diuscussion of the course material. Failure to complete the readings and demonstrate knowledge of the course material in discussions will result in deduction of participation points.
   2. This course requires a briefing assignment. When it is your day to brief, please make sure that your presentation is loaded onto the classroom computer and ready to be presented PRIOR TO THE BEGINNING OF CLASS. I will make every effort to be in the classroom early to open up the room. If the room is locked, please find a cadre member to let you into the classroom. Please log into the computer and load your presentation. Often, multiple students will be presenting on the same day. I expect the class to work together to coordinate this activity and make sure that all presentations are loaded and ready to go prior to class.
   3. This course may require homework assignments. Generally, assignments will be short writing assignments or assignments to accomplish various AFROTC administrative requirements (e.g. Form 48). All due dates imply that the assignment is due AT THE BEGINNING OF CLASS (unless otherwise specified).
9. Attendance Policy:
   1. Attendance will be taken at the beginning of each class. Points will be deducted from the attendance portion of your final grade for unexcused absenses. I am the approving authority on all excused absences. If you are not at class and I do not receive documentation of your absence, your absence will be unexcused. If you are absent from a class, you must explain why in an Official Memorandum (OM). Type the OM in the format found on pages 183-185 of the Tongue and Quill and turn it in to me **before the next class**. Include supporting documentation (doctor’s note, etc) with your OM, if applicable. If you have prior knowledge of an absence, please submit your OM BEFORE the class you will miss. If you encounter an emergency situation (i.e. ability to safely get to class, sickness, family emergency, etc.) and you will have to miss class on short notice, please send me an email or call my office and let me know. You will still be required to submit an OM documenting the absence. For ANY absence that you submit an OM, I will decide, on a case-by-case basis, if your absence is excused. Any absence that is not documented with an OM will automatically be unexcused, regardless of the reason.
   2. Students are required to attend a minimum of **80% (12)** of **ALL** classes to be eligible for a passing grade. Therefore, **if you miss more than 20% (3) of the classes you automatically fail this course.**
   3. There are two sections of AS2220. Section A is Thursday at 1035 and Section B is Thursday at 1335. Both will cover the same material and follow the same schedule. **PLEASE ATTEND THE SECTION YOU SIGNED UP FOR**. On a case-by-case basis, I may allow you to attend the other section in order to avoid an excused absence. Permission to attend the other section must be granted PRIOR to the class you want to switch. This can be done by email, phone, or you can stop by my office. In emergency situations, I may grant short-notice requests to attend the other section.
   4. Crosstown schools may have different academic calendars than Georgia Tech. Do not assume that school holidays different from Georgia Tech are excused. You must coordinate with me on absences due to such differences. We follow the Georgia Tech Academic Calendar. Cross-town students are encouraged to attend every class, even if their school is not in session; the AFROTC attendance policy dictates that even if your school is not in session, absences from AS2220 will count toward meeting the 80% attendance requirement. Absences for cross-town students will be excused for instances when Georgia Tech is in session and your host institution is not. As with any absence, an OM must be submitted, documenting the absence. Some liberty will be granted with respect to the differences in each institution’s Spring Break schedule; however, you will still be required to submit an OM for classes missed due to Spring Break.
   5. YOU are responsible for all material presented at any class you miss. Material presented in class is posted to the course T-Square page.
10. Make-Up Policy: Students may complete work missed in class and receive full credit provided the work is turned in before the prescribed due-date. **LATE WORK WILL NOT BE ACCEPTED!** Extentions may be granted due to extenuating circumstances, but you must coordinate this with me BEFORE THE ORIGINAL DUE DATE OF THE ASSIGNMENT.
11. Grading:
    1. Grade Distribution and Scale:

Midterm 30% A = 100% - 90%

Final 30% B = 80% - 89%

Briefing Assignment 15% C = 70% - 79%

Homework/Form 48 10% D = 60% - 69%

Instructor Points/Participation 10% F = < 60%

Attendance 5%

**TOTAL: 100%**

AFROTC Cadets: AFROTC Academic Retention Standards (ref AFROTCI 36-2011 4.33.4.1) require that

AFROTC Cadets must earn a “C” or better in all AS courses. Failure to achieve a grade of “C” or better in

this course will result in administrative action and dismissal (non-contracted cadets) or (disenrollment

contracted cadets) from the AFROTC program.

* 1. Midterm & Final: The midterm and final will be composed of multiple choice, matching, short-answer, and True/False questions.
  2. Communication Studies Assignment: You will be required to prepare and present a 3-5 minute briefing to be given in class. The details of this assignment will be provided in class. Microsoft PowerPoint is the preferred electronic format for all briefing slides. Your briefing must be accompanied by a Talking Paper, which will be turned in at the time of your presentation. Please refer to the Tongue and Quill pages 209-210 for the correct format of a talking paper.
  3. Homework Assignments: Homework assignments, though given seldom, can be given at the discretion of the instructor if the progression of the course necessitates that students complete gradable coursework outside of class.
  4. Instructor/Participation Points: This portion of the final grade is my assessment, as your instructor, of your performance in class. This is an evaluation of your motivation, punctuality, military decorum, participation in class discussions/activities, and meeting suspenses. Additionally, for AFROTC Cadets, failure to meet any AFROTC administrative suspenses will result in significant reduction in your instructor points.

1. Additional Requirements for AFROTC Cadets:
   1. Term Counseling: All cadets will attend an individual counseling session with me that will be held within the first six weeks of the term. You will be required to sign up for this counseling no later than (NLT) 20 JAN. If you need to reschedule your counseling appointment, you must notify me BEFORE your appointment by email or phone. “No-Shows” will lose a significant portion of the Instructor/Participation portion of their final grade. If you fail to show up for a scheduled appointment, you must reschedule the counseling within three business days.
   2. Form 48: The AFROTC Form 48 is your academic plan. This form records your academic progress and lays out your future academic plans to ensure that you graduate/commission on your prescribed Date of Commisson/Graduation (DOC/DOG). **FORMS 48 ARE DUE ON THURSDAY, 26 JANUARY AT THE BEGINNING OF CLASS. YOUR FORM 48 MUST HAVE ALL REQUIRED SIGNATURES TO BE CONSIDERED COMPLETE.** There is a electronic version of the Form 48 on T-Square as well as Wiggio, along with some instructional charts and an example. Your Form 48 will be reviewed during your term counseling session.
2. Textbooks: Your textbook, *The Evolution of USAF Air and Space Power* (T-206) is property of the United States Air Force and Detachment 165 and must be returned at the end of the semester. Your textbook will be turned in at the time of your briefing. Briefings will be conducted at the end of the semester and represents your last gradable assignment for the course. You will not need your book after you complete your briefing. If you are not an AFROTC cadet or an AFROTC cadet that will not be continuing the program, the Tongue and Quill must also be returned. Failure to return books (and other Detachment property) when required will result in an institutional hold on your grades from your home institution.
3. Wiggio: This course will utilize Wiggio to post lecture slides, assignments, and other AS2220-related announcements and material. All students who are registered for AS2220 will have access to AS2220 content on Wiggio.
4. Classroom Conduct:
   1. AFROTC Cadets are required to wear the uniform-of-the-day in accordance with (IAW) the weekly Operations Orders. We will adhere to military customs and courtiesies at all times. You must be respectful to all of your classmates and I expect you to display proper, professional conduct. We will practice the Holm Center Training Manual’s mutual respect model in the classroom. We do not tolerate racial, sexual or ethnic descrimination. I encourage active participation in classroom discussions, provided you are professional and courteous. To promote the free expression of ideas, academic freedom and non-attribution will be observed in IAW AUI 36-2308 *Academic Freedom*. There will be no retribution for ideas or opinions expressed in class and students may not attribute an idea or opinion to an individual outside the classroom without the individual’s consent to do so.
   2. Be in your seat and ready for class by the scheduled start time. When I enter the room, a member of the class must call the the room to attention. I will tell you to take your seats and we will begin class. When the class is finished, do not leave until I dismiss the class. After dismissal, I will leave the room. You will again be responsible for calling the room to attention. After I exit the room, carry on with your daily activities.
   3. The classroom must be called to attention any time an officer walks in the room who outranks the highest ranking officer currently in the room. This includes at the beginning/end of class, when the Detachment Commander enters the room, or when any other officer walks in that outranks the highest ranking officer in the room at that time.
   4. I will close the door to the classroom when class starts. If you are late, you must request permission to enter. This will be done by knocking on the door and waiting for permission to enter. The instructor reserves the right to deny a student late entry into class; if denied entry, the student will be marked absent and must submit an excuse Official Memorandum (OM) before the next class. Except in rare circumstances where tardiness may be excused due to emergencies, expect to lose attendance points for showing up late.
   5. No eating is allowed during class, but you may bring drinks as long as the room is left in better condition than you found it, i.e. clean up your area before you leave the classroom!
5. Withdrawals: If you decide to withdraw from this class, there are some key dates to keep in mind. The ADD/DROP week ends on 13 January. If you drop before this time, you will not receive a “W” for the course. Any drops past this date, will result in a “W” and **YOU MUST COMPLETE ALL WITHDRAWAL REQUIREMENTS MANDATED BY GEORGIA TECH AS WELL AS THE REQUIREMENTS MANDATED BY YOUR HOME INSTITUTION (in the case of cross-town students)**. The last day to drop a class with a grade of “W” is **2 March.** Failure to drop the course by this date means that I must assign you a final grade based upon the criteria established above. **Any student who drops AS2220 must return ALL issued textbooks. If you are an AFROTC cadet, you must turn in ALL issued textbooks and uniforms. In all cases, failure to return Detachment property will result in an academic hold imposed by your home school.**
6. Course Schedule and Outline: Attached is a course schedule that includes the topics and reading assignments for the term. Any updates to the topic schedule and reading assignments will be posted to T-Sqaure. Announcements will also be made in class and by email.
7. Academic Integrity/Academic Freedom: Academic integrity and freedom are essential to fostering a productive learning environment and ensure the highest standards are maintained throughout this course.
8. Academic Integrity: Uncompromising adherence to a code of ethics, morality, conduct, scholarship, and other values related to academic activity. All students and permanent-party personnel must adhere to the highest standards of academic integrity. They are prohibited from engaging in plagiarism, cheating, misrepresentation, unprofessional relationships, or any other act constituting a lack of academic integrity. Failure on the part of any individual to practice academic integrity reflects discredit both on the Air Force and on the individual and is not condoned by Air University/Holm Center/AFROTC. All individuals who violate this instruction are subject to adverse administrative action including disenrollment and expulsion from school, disciplinary action, and discharge from the service. U.S. military members may be prosecuted under the UCMJ. Violations by civilian employees may result in administrative disciplinary action without regard to otherwise applicable criminal or civil sanctions for violations of related laws. AFROTC cadets are held to the same academic integrity standards as other Air University students; however, they are not usually subject to punishment under the UCMJ. If the unit commander determines that a violation of academic integrity standards took place, he take appropriate action under AFROTC policy guidance, up to and including elimination of non-contract cadets, initiation of disenrollment investigations for contract cadets, and UCMJ action for cadets subject to the UCMJ. (Reference AUI 36-2309)
9. Academic Freedom Policy: The free exchange of opinions and ideas is essential to the educational process and, to the greatest extent possible, faculty, students, and staff are encouraged to speak and write freely. Even in this academic setting, however, the importance of Air University/Holm Center/AFROTC’s military mission requires limits on some types of expression. The following restrictions apply IAW Articles 88 and 89 of the UCMJ (for those to whom the UCMJ applies) and local restrictions/requests for those who are not subject to the UCMJ: Commissioned officers, officer trainees, and cadets may not use contemptuous words toward the President, Vice President, Congress, the Secretary of the Air Force, and others. In addition, military members may not make disrespectful remarks about superior commissioned officers. Faculty, students, and staff members should make every effort to indicate clearly that the opinions they express are personal to the member, and do not represent official views of the their organization, the U.S. government, and all units in between. (Reference AUI 36-2308)
10. Honor Code/Challenge: I expect all students to do their own work unless assigned to a team project. The Georgia Tech honor challenge and the cadet honor code apply to each student.

CADET HONOR CODE

***"We will not lie, steal or cheat nor tolerate among us anyone who does."***

GEORGIA TECH HONOR CHALLENGE

***“I commit to uphold the ideals of honor and integrity by refusing to betray the trust bestowed upon me as a member of the Georgia Tech community.”***

CALVIN C. COKER, 1st Lt, USAF

Assistant Professor of Aerospace Studies

Attachment:

AS2220 Schedule

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| --- | --- | --- | --- | --- |
| ***AS 2220 - Evolution of US Air and Space Power II*** | | | | FIRST EDITION - 12 JAN 12 |
| Course Schedule\* | | |  | SPRING SEMESTER 2012 |
| Class | Date | Topic | Required Reading | Comments |
| 1 | 12 JAN | Introduction / AS200 Term Briefing / Form 48 | AS 2220 Syllabus | 13 JAN - Last day to make changes to GT course schedule |
| 2 | 19 JAN | Airpower through the Cold War, Part II: Airpower in Vietnam | T-206: Chapter 14-15 | **Must sign up for Term Counseling Appointment by COB 20 JAN** |
| 3 | 26 JAN | Airpower through the Cold War, Part II: Airpower in Vietnam | T-206: Chapter 16 | **Completed/Signed Form 48 due at the BEGINNING of class** |
| 4 | 2 FEB | Airpower through the Cold War, Part II: Rebuilding the Air/Space Force | T-206: Chapter 17 |  |
| 5 | 9 FEB | Airpower in the Post-Cold War Era: The Persian Gulf War | T-206: Chapter 18-19 |  |
| 6 | 16 FEB | Airpower in the Post-Cold War Era: Post-Gulf War Operations | T-206: Chapter 18-19 |  |
| 7 | 23 FEB | MIDTERM EXAM  Airpower in the Post-Cold War Era: Conflict in the former Yugoslavia/Balkan Region | T-206: Chapter 20 | MIDTERM EXAM |
| 8 | 1 MAR | Airpower Today: Operation Enduring Freedom | T-206: Chapter 21 | 2 MAR - Last day to drop GT Courses with a grade of "W" |
| 9 | 8 MAR | Airpower Today: Operation Iraqi Freedom | T-206: Chapter 22 |  |
| 10 | 15 MAR | Airpower Today: USAF Concept of Operations | T-206: Chapter 23 |  |
| HOLIDAY | 22 MAR | NO CLASS: SPRING BREAK |  | 19-23 MAR - GT Spring Break: No Classes |
| 11 | 29 MAR | Airpower Today: Air and Space Power Review | T-206: Chapter 24 |  |
| 12 | 5 APR | Airpower Today (Supplemental) /  Student Briefings | T-206: Chapter 21-24 /  Tongue and Quill |  |
| 13 | 12 APR | Student Briefings | Tongue and Quill |  |
| 14 | 19 APR | Student Briefings | Tongue and Quill |  |
| 15 | 26 APR | FINAL EXAM |  |  |
|  |  |  |  |  |
| \*Schedule may be changed throughout the semester. Every effort will be made to give students at least one week advanced warning. Notification will be made in class, through T-Square, or by email. | | | | |
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| \*\*The Last day to apply for cross-registration for Fall Semester 2012 is 12 JULY 2012\*\* | | | | |