



DEPARTMENT OF THE AIR FORCE
AIR FORCE ROTC DETACHMENT 165

25 August 2011

MEMORANDUM FOR AS2210 STUDENTS

FROM: CAPTAIN KYLE GARWICK, AS2210 INSTRUCTOR

SUBJECT: AS2210 Syllabus – The Evolution of USAF Air and Space Power I

1. Welcome to AS2210! 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 AS2211, AFROTC Leadership Laboratory (LLAB). This is a mandatory course that complements AS2210. 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 Fall Semester!

2. Instructor: Captain Kyle Garwick

E-Mail: kyle.garwick@afrotc.gatech.edu

Office Phone: (404) 894-7386

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

Office Hour: 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

3. Textbooks

a. The Evolution of USAF Air and Space Power (T-206) – **MUST BE RETURNED**

b. The Tongue and Quill (AFH 33-337) – **STUDENT RETENTION**

c. AFPAM 10-100, Airman's Manual (T-401) – **STUDENT RETENTION** (*Will be issued at LLAB*)

4. 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.

5. Course Objectives

a. Know the key terms and definitions used to describe air and space power.

b. Comprehend the events, leaders, and technical developments that surrounded the evolution of USAF air and space power.

c. Demonstrate basic verbal and written communication skills.

d. Comprehend the Air Force Core Values and examples of their use throughout the evolution of USAF air and space power.

6. Class Preparation:

a. 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 discussion 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.

b. This course will require various 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).

7. Attendance Policy:

a. Attendance will be taken at the beginning of each class. Points will be deducted from the attendance portion of your final grade for unexcused absences. 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 you have prior knowledge of an absence, your OM must be submitted **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.

b. 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.**

c. 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.

d. 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 AS2210 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 Fall Break schedule; however, you will still be required to submit an OM for classes missed due to Fall Break.

e. YOU are responsible for all material presented at any class you miss. Material presented in class is posted to the course T-Square page.

8. 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!** Extensions may be granted due to extenuating circumstances, but you must coordinate this with me BEFORE THE ORIGINAL DUE DATE OF THE ASSIGNMENT.

9. Grading:

a. Grade Distribution and Scale:

Quiz #1	20%	A = 100% - 90%
Quiz #2	20%	B = 80% - 89%
Quiz #3	20%	C = 70% - 79%
Homework/Comm Studies/Form 48	15%	D = 60% - 69%
Instructor Points/Participation	15%	F = < 60%
Attendance	10%	
TOTAL:	100%	

b. AFROTC Cadets: AFROTC Academic Retention Standards (ref AFROTCI 36-2011) 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.

c. Quizzes: All quizzes will be “take-home,” due at the beginning of class on the days indicated on the attached course schedule. Failure to turn in quizzes **on time** will result in a grade of zero for each late quiz.

d. Communication Studies Assignment: You will be required to accomplish two written assignments throughout the semester. Both assignments’ due dates are indicated on the attached course schedule and will be in the form of written communication tools used by Air Force personnel in the format prescribed by the AFH 33-337, Tongue and Quill. Additional details of these assignments will be presented in class.

e. 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.

f. 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.

10. Additional Requirements for AFROTC Cadets:

a. 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) 9 SEP. 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.

b. 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 Commission/Graduation (DOC/DOG). **FORMS 48 ARE DUE ON THURSDAY, 15 SEPTEMBER 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.

11. Textbooks: Your textbook, *The Evolution of USAF Air and Space Power* (T-206) is property of the United States Air Force and Detachment 165. This book must be returned at the end of the Spring 2012 Semester or upon exit from the AFROTC program (whichever is first). If you are not an AFROTC cadet, you will be required to return your textbooks at the end of this semester. If you take AS2220 in the spring you will be issued another book at that time. AFROTC cadets that plan to return for the Spring 2012 Semester will retain their books and turn them in at the end of the spring semester. If you are not an AFROTC cadet or you are 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.

12. T-Square: This course will utilize T-Square (<https://t-square.gatech.edu>) to post lecture slides, assignments, and other AS2210-related announcements and material. The T-Square site will be fully functional by 8 September 2011. Please do not contacting me regarding T-Square content until after 15 SEP. I will not be posting any AS2210 material on Wiggio, so it is imperative that you activate your Georgia Tech computer account and gain access to the T-Square system. All students who are registered for AS2210 will have access to the AS2210 T-Square page.

13. Classroom Conduct:

a. 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 courtesies 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 discrimination. 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.

b. 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.

c. 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.

d. 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.

e. 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!

14. Withdrawals: If you decide to withdraw from this class, there are some key dates to keep in mind. The ADD/DROP week ends on 26 August. 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 **14 October**. 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 AS2210 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.**

15. 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-Square. Announcements will also be made in class and by email.

16. 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.

a. 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)

b. 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)

c. 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."



KYLE B. GARWICK, Captain, USAF
Assistant Professor of Aerospace Studies

Attachment:
AS2210 Schedule

AS 2210 - Evolution of US Air and Space Power I

Course Schedule*

FIRST EDITION - 25 AUG 11

FALL SEMESTER 2011

Class	Date	Topic	Required Reading	Comments
1	25 AUG	Introduction / AS200 Term Briefing / Form 48	AS 2210 Syllabus	26 AUG - Last day to make changes to GT course schedule
2	1 SEP	Airpower Through WWI	T-206: Chapter 1	
3	8 SEP	Airpower Through WWI	T-206: Chapter 2	Must sign up for Term Counseling Appointment by <u>COB 9 SEP</u>
4	15 SEP	Airpower Through WWI	T-206: Chapter 3	Completed/Signed Form 48 due at the BEGINNING of class
5	22 SEP	TBD	TBD	Capt Garwick will be out of the office 21-23 SEP
6	29 SEP	Airpower: End WWI through WWII	T-206: Chapter 4	Quiz 1 Due at the BEGINNING of class
7	6 OCT	Airpower: End WWI through WWII	T-206: Chapter 5	
8	13 OCT	Airpower: End WWI through WWII	T-206: Chapter 6	14 OCT - Last day to drop GT Courses Communications Assignment #1 Due at the Beginning of Class
9	20 OCT	Airpower: End WWI through WWII	T-206: Chapter 7	15 - 18 OCT - GT Fall Recess
10	27 OCT	Airpower: End WWII through the Korean Conflict	T-206: Chapter 8 T-206: Chapter 9	
11	3 NOV	Airpower: End WWII through the Korean Conflict	T-206: Chapter 10 T-206: Chapter 11	Quiz 2 due at the BEGINNING of class
12	10 NOV	Airpower: End WWII through the Korean Conflict	T-206: Chapter 12	
13	17 NOV	Airpower in the Vietnam Conflict	T-206: Chapter 14	
HOLIDAY	24 NOV	THANKSGIVING - NO CLASS		24-25 NOV - GT Holiday Break
14	1 DEC	Airpower in the Vietnam Conflict	T-206: Chapter 15	Quiz 3 due at the BEGINNING of class
15	8 DEC	TBD		Communications Assignment #2 Due at the Beginning of Class

*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.

****The Last day to apply for cross-registration for Spring Semester 2012 is 1 DECEMBER 2011****