**Department of Aerospace Studies**

**AS 200 (ASP 002A) Course Syllabus**

**The Evolution of the USAF Air and Space Power**

**Fall 2012**

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**1. INTRODUCTION**: Welcome to AS 200 and the Fall 2012 Semester of the Det 35 Air Force Reserve Officer Training Corps (AFROTC) program! My job is to ensure each of you has a challenging and rewarding learning experience in preparation for field training and eventual commissioning as an officer in the United States Air Force (USAF). This syllabus identifies course objectives and implements classroom policies that you must follow.

**2. COURSE DESCRIPTION**: *Evolution of USAF Air and Space Power* (AS 200) is designed to examine general aspects of air and space power through a historical perspective. Utilizing this perspective, the course covers a time period from the HERITAGE of flight (balloons, dirigibles, first fixed-wing aircraft) through the present day (Global War on Terrorism) and forward to the HORIZON of air and space warfare -- how we will operate in the future. Tracing air and space power throughout history, this course will help you understand the distinctive Capabilities, Functions and Doctrine (CFD) of the USAF as it has evolved through the decades. By examining air and space power through the CFD model, students will attain a ‘knowledge-level’ understanding of the significance and impact of the USAF’s employment of air and space power…past, present and future. Also, students will continue to hone their awareness of Air Force Core Values and practice Air Force communication skills lessons throughout the course.

**3. COURSE OBJECTIVES**:

A. Know key terms and definitions used to describe U.S. air and space power.

B. Comprehend the events, leaders and technical developments which surrounded the evolution of U.S. 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 U.S. air and space power.

1. **TEXTBOOKS**:

AFH 33-337, *The Tongue and Quill* **AND** *Evolution of Air and Space Power (EASP)*

1. **COURSE REQUIREMENTS**: Your performance is measured by knowledge of lesson objectives. Final grades will be assigned based on the weighted average of the following:

**GRADED ITEM WEIGHT MAXIMUM POINTS**

Midterm Exam 25% 100 points

Final Exam 25% 100 points

Comm Skills - Writing 22% 88 points

Comm Skills - Briefing 18% 72 points

Attendance/Participation\* 10%\* 40 points

**TOTAL 100% 400 points**

\* Note: See attendance policy in Section 10. **Students must attend at least 80 percent of scheduled class sessions to achieve a passing grade.**

***Midterm and Final:***

You will be tested two via multiple-choice answer exams. Questions will be taken from the readings, instructor briefings, videos and class discussions. The questions will be derived from the Samples of Behavior. The final exam is **not** cumulative.

***Communication Skills*** (See **Attachment 1**)

**Writing:** **Briefing:**

20 Points = Personal Letter 72 Points = Informative Briefing (3-5 minutes)

25 Points = Official Memorandum (20) via Email (5)

20 Points = Talking Paper

23 Points = Form 48 correctly filled out (15) and turned in on time (8)

***Attendance/Participation:***

30 Points = minus 5 points per unexcused absence (can’t miss more than 3 classes)

10 Points = Participation in class discussions & preparation for class/assignments

**6. GRADING POLICY**:

A. Grades are based on the following scale: A = 90-100% 360-400pts

B = 80-89% 320-359pts

C = 70-79% 280-319pts

D = 60-69% 240-279pts

F = 0-59% 0-239pts

B. You are required to maintain at least a “C” in AS classes to stay in good standing in the AFROTC program.

C. Late assignments will be automatically downgraded by one letter grade each day it is late. Any questions or perceived grading discrepancies must be brought to my attention within 48 hours of receipt of any grade.

D. You must be familiar with detachment policy on academic integrity and academic freedom as expressed in the ROE. You should read the university policy on student conduct and non-discrimination at the following link: <http://www.csufresno.edu/catoffice/current/policies.html>. **Cheating, plagiarism, forgery or other forms of academic dishonesty will not be tolerated. Furnishing false information to an AFROTC or university official, faculty member or campus office will not be tolerated. Intellectual honesty and integrity are paramount to success throughout life. Students caught cheating or plagiarizing in AS200 will receive an “F” for that project, assignment or exam.**

**7. EXTRA CREDIT**: To receive 10 extra credit points, read and prepare a 1-page Bullet Background Paper (BBP) on any book listed on: <http://www.af.mil/information/csafreading/index.asp> NLT COB 6 Dec 12.

**8. SCHEDULING INFORMATION AND CLASS PREPARATION**: I teach two separate AS 200 courses--each class meets once per week: a Wednesday class and a Thursday class, both at 1300-1350. The primary classroom is in the North Gym, room 154. You will be expected to read the assigned materials for each lesson **prior to the class meeting**. Since the class is a lecture/discussion format, I expect you to come to class on time, prepared and ready to participate in discussions of each week’s lesson. Tardiness will not be tolerated and will have a negative impact on your grade. For each tardiness incident, you will receive only half credit for that day’s attendance points.

**9. CLASSROOM DEPORTMENT:**  The class will come to attention when the instructor either enters or exits the room. The first cadet who notices the instructor will call the class to attention. At the start of class, the class leader (a duty which may be rotated) will call the room to attention, salute the cadre instructor and announce, “Sir, the class reports ready to learn”. You will use the word “Sir” when addressing the instructor. Eating is **not** permitted in class. You are permitted to drink water/soda/coffee, etc. The atmosphere will be military, but intellectually open. Clear desks of anything not needed for class and students will give their undivided attention to the class. Police your desk and floor area (and push-in your chair) after being dismissed from class prior to departing.

**10. ATTENDANCE POLICY**: Classroom attendance is MANDATORY and unexcused absences will result in point penalties (minus 2 grade points per each unexcused absence). A minimum of 80% attendance is required for a passing grade. This attendance requirement is mandatory and is not flexible. All absences, coordinated or not, will be explained in writing using the professional memo e-mail format found on page 145 of *Tongue and Quill*. This e-mail is due to the me ([mbuehler@csufresno.edu](mailto:mbuehler@csufresno.edu)) not later than the beginning of the next class period. If I do not receive the e-mail due to server difficulties, you must produce a hard copy of the sent e-mail. The memo will be used to determine whether or not the absence is excused. If the absence is excused, the instructor will advise you of the substitute activity required to meet any missed objectives. The bottom line is that you are expected to attend and be prompt for all classes, scheduled interviews, testing periods, etc. If you cannot attend a scheduled class or appointment, contact me in advance.

**11. COUNSELING**: There is no reason for anyone to receive a low grade. If you need any assistance or have any questions regarding the course, AFROTC or the Air Force in general, my door is always open. I will meet with each cadet at least once during the semester to discuss academic progress and career goals.

**12.** **SUMMARY**: Like the men and women who have made air and space power great in this country, give this course YOUR ALL. By mastering the AS 200 lesson objectives, you will prepare yourself for the new challenges ahead, both in AFROTC and in the USAF.

**ATTACHMENT 1**

**COMMUNICATION SKILLS**  
AS 200, FALL 2012

**1.** **PURPOSE**: The purpose of these assignments is to introduce you to Air Force communication methods and to lay the foundation for communications development. In addition, each of you will have the opportunity to explore the subject matter covered in the course in more detail by incorporating this knowledge into the writing and briefing assignments.

**2.**  **ASSIGNMENT**

A. Personal Letter **(due by COB Fri 14 Sep)**. TOPIC: Goals for 2012-13. GUIDANCE: Write a Personal Letter (following Tongue and Quill format) describing your personal goals that you plan to accomplish between now and Field Training next summer. You should include academics, fitness and other specific goals that you plan to achieve this AS 200/250 academic year of AFROTC here at Det 35. How you organize your thoughts is up to you - you can write about your goals chronologically, by topic, by importance, etc. Address the letter to the Det 35/CC in the precise format and submit a signed hard copy. Use the cadet wing letterhead from the Det 35 website. I will provide a copy to your cadet wing commander to help you achieve your chosen goals, so please include the following at the bottom: “cc: C/Col CC Lamadrid” IAW *Tongue and Quill*.

**\*** B. Official Memorandum **(due by COB Fri 28 Sep)**. TOPIC: Three Air Force Core Competencies in the Year 2030. GUIDANCE: Write an Official Memorandum (following *Tongue and Quill* format) describing what you envision to be the three Air Force Core Competencies for the Year 2030. Address this memorandum to AFROTC Det 35/CC. You don’t have to explain the three competencies - that is what you will do in Talking Paper and Briefing assignments. For this assignment, all you need to do is provide an opening paragraph listing your new competencies (there is no incorrect answer, and you change them later, if you choose) and an appropriate closing paragraph. You can write more if you choose to do so, but following the correct format is crucial. Submit your assignment as an attachment to an email (use my email address on front of syllabus) following the exact format in *Tongue and Quill*, pg 145. Both the memorandum and e-mail will be graded.

**\*** C. Talking Paper **(due by COB Fri 9 Nov)**. TOPIC: Three Air Force Core Competencies in the Year 2030 and Why. GUIDANCE: Write a 1-2 page Talking Paper on the topic using the *Tongue and Quill* format on pgs 209-210. Format it precisely, including line spacing and dashes. Don’t forget to put your writer ID line at the footer and submit electronically. For more clarification on the topic, see item D.

D. Informative Briefing **(delivered 7/8 Nov, 14/15 Nov or 28/29 Nov - depending on assigned group)**. TOPIC: Three Air Force Core Competencies in the Year 2030 and Why. GUIDANCE: Prepare and deliver a 3-5 minute Informative Briefing on the topic using the Tongue and Quill standards on pgs 17-62 and 113-130. Although this will require some hypothetical thinking on your part, this isn’t a persuasive or advocacy briefing so you don’t have to “sell your viewpoint” to the audience. Your objective is to inform your audience three new Core Competencies of 2030 and why you selected them.

**\* Denotes assignments to be submitted electronically.**

**3. GRADING (Grades for unexcused, late submissions will be reduced 10% for each day late)**

Assignment item A, B, C above: each writing assignment will be graded on format/mechanics (10 points) and content (10 points). The total points for each of these writing assignments are 20. Timely and accurate completion of your Form 48 is also worth 23 points toward your grade - 15 points for completion of the form and 8 points for timely submission.

Assignment item D above: Your briefing will be graded using Holm Center Form 6, *Briefing Grade Sheet*, which I give to each of you. You will be evaluated on content, delivery, time control, conduct and whether you met the objective. The Holm Center Form 6 grading scale is 0-36 for an informative briefing and I will double your score to reach a total point basis of 72 points maximum. If you are unprepared at your scheduled briefing time, I will deduct 10% from your grade.

**4. FORM 48**

You will be given additional guidance on the completion of the Form 48. **A copy of your draft Form 48 is due to me by COB Fri 12 Oct**. Your final Form 48 must be correctly formatted, signed by you and your advisor, and is due at your Midterm Counseling session. Your draft Form 48 counts 5 points toward your class grade and your final Form 48 counts 10 points toward your class grade. Most importantly, it is your *academic plan* that will determine the length and intensity of your AFROTC career. It also determines when you graduate, commission, receive scholarship and/or stipend, etc. **GIVE IT YOUR FULL ATTENTION!**

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| **DATE (Wed/Thurs)** | **LESSON** | **Course Objectives** | **READ PRIOR TO CLASS** | **TURN IN ASSIGNMENT** |
| 22 Aug/23 Aug | 1 **Introduction to AS 200** |  |  |  |
| 29 Aug/30 Aug | 2 **Airpower Through WWI:**  A. Principles of War, Tenets,  Definitions, CFD Model | A | Book: *EASP* Chapter 1 | Assign Form 48, Academic Plan |
| 5 Sep/6 Sep | 2 **Airpower Through WWI:**  B. Early Years of Flight | A, B, C, D | Book: *EASP* Chapter 2 |  |
| 12 Sep/13 Sep | 2 **Airpower Through WWI:**  C. World War I | A, B, D | Book: *EASP* Chapter 3  Book: *T&Q* pg 145, 167-170, 209-210  Guide: AF Electronic Mail (Email) Guide | DUE: Personal Letter  See Attachment 1  Signed hard copy due to instructor by  COB Fri 14 Sep |
| 19 Sep/20 Sep | 3 **Airpower WWI thru WWII:**  A. Interwar Years  B. Airpower at Start of WWII | A, B, C, D | Book: *EASP* Chapter 4  Book: *EASP* Chapter 5 |  |
| 26 Sep/27 Sep | 3 **Airpower WWI thru WWII:**  C. WWII Bombing Campaign-  Europe  D. Microcosm of Air Battle-  Airmen at War | A, B, D | Book: *EASP* Chapter 6 | DUE: Official Memorandum  See Attachment 1  Email due to instructor by  COB Fri 28 Sep |
| 3 Oct/4 Oct | 3 **Airpower WWI thru WWII:**  E. Pacific Theater in WWII  **MID-TERM REVIEW** | A, B, D | Book: *EASP* Chapter 7 |  |
| 10 Oct/11 Oct | **MID-TERM EXAM** | A, B, D | Exam will cover *EASP* Chapters 1-7, videos, class lectures, and T&Q readings | DUE: Hard copy of draft Form 48 due by  COB Fri, 12 Oct |
| 17 Oct/18 Oct | 5 **Airpower thru Cold War:**  A. NSA 1947, Origins of Cold  War, Berlin Airlift | A, B, D | Book: *EASP* Chapters 8, 9 | DUE: Schedule Midterm Counseling Session through Kathy (Final Form 48 signed by academic counselor due at this session) |
| 24 Oct/25 Oct | 5 **Airpower thru Cold War:**  B. Korean Conflict, LeMay, SAC, Cuban Missile Crisis | A, B, D | Book: *EASP* Chapters 10, 11, 12, 13 |  |
| 31 Oct/1 Nov | **Independent Study** |  |  | Work on Communication Skills Assignments |
| 7 Nov/8 Nov | 4 **Communication Skills:**  Informative Briefings | B, C | Book: *T&Q* pgs 17-62 and 113-130  Holm Center Form 6 | DUE: Talking Paper (submit electronically by COB Fri, 9 Nov)  DUE: Briefing (presented in class as assigned by instructor)  See Attachments 1 and 3 |
| 14/15 Nov | 4 **Communication Skills:**  Informative Briefings | B, C | Book: *T&Q* pgs 17-62 and 113-130 | DUE: Briefing (presented in class as assigned by instructor) / See Attachments 1 and 3 |
| 21/22 Nov | Thanksgiving Break! |  |  |  |
| 28/29 Nov | 4 **Communication Skills:**  Informative Briefings | B, C | Book: *T&Q* pgs 17-62 and 113-130 | DUE: Briefing (presented in class as assigned by instructor) / See Attachments 1 and 3 |
| 5/6 Dec | **OPTIONAL FINAL REVIEW** | A, B, D |  |  |
| Finals Week  (TBD, 12/13 Dec or as assigned) | **FINAL EXAM** | A, B, D | Exam will cover EASP Chapters 8-13, videos, class lectures, and T&Q readings | Book Turn-In (If not taking ASP2B in Spring)  Check in at Detachment before departing for semester break |