



SYLLABUS – Spring 2018

AIR FORCE SCIENCE COURSE – AFSC 1202
AEROSPACE STUDIES – AS100

THE FOUNDATIONS OF THE UNITED STATES AIR FORCE
AIR FORCE ROTC DETACHMENT 003, UNIVERSITY OF HOUSTON



Capt R. Marcus Orallo III
Phone: (713) 743-4801
rmoralli@central.uh.edu



**DEPARTMENT OF THE AIR FORCE
AIR UNIVERSITY (AETC)**



16 Jan 2018

MEMORANDUM FOR AFSC 1202/AS100 STUDENTS

FROM: AFROTC Detachment 003

SUBJECT: Spring 2018 AS100

1. Welcome to the freshman-level Aerospace Studies class. This course is an introduction to the Air Force Reserve Officers Training Corps and the Air Force. You will learn how the Air Force is organized, how it works, and how college students like yourselves can “try out” our program to see if the Air Force is the right choice for you.
2. This syllabus is very detailed. Read it thoroughly and it will answer many of your questions. You will be quizzed on this syllabus in week two and again on the midterm exam, so study it very carefully! If you require additional information or desire clarification, please ask.
3. Once again, welcome aboard! The future is yours, and AS100 could be your first step toward a fantastic career in the service of your nation. Leadership excellence starts here!

R. MARCUS ORALLO III, Capt, USAF
Assistant Professor of Air Force Science
Air Force ROTC Detachment 003

THE FOUNDATIONS OF THE UNITED STATES AIR FORCE AFSC 1202/AS100

ADMINISTRATION

1. **TEXTBOOKS:** *THE FOUNDATION OF THE UNITED STATES AIR FORCE*, 2017-2018 ed, and *THE TONGUE AND QUILL*, AFH 33-337, 27 May 2015. Note: All of these textbooks are provided in electronic form on the Google Drive.
2. **TIMELINESS:** Punctuality and time management are essentials for Air Force Officers. Be in your seats on time. I reserve the right to deny cadets classroom entry if they are late to class. *If you are late twice, this will result in one unexcused absence.*
3. **INSTRUCTION:** Academic classes are a combination of lecture and guided discussion. At times, video clips may supplement the instruction. *Students must be thoroughly familiar with the reading assignments before class* and be willing to share knowledge and personal views with classmates.
4. **CLASS PARTICIPATION:** Students are expected to come prepared to actively participate in class discussions. Non-attribution will be in effect for all classes (i.e., discussions in class will stay in the classroom, and the views you express will not be repeated by others outside the classroom). Bottom Line: Openly share your thoughts but respect the opinions of others.
5. **OFFICE HOURS:** If you need my assistance or wish to discuss the course, the Air Force, or another topic, feel free to visit me. However, it's usually best to e-mail me in advance and schedule a firm time. There is no reason to earn a low grade in this course; be proactive and seek assistance early if needed.
6. **POLICY ON CHEATING:** Students who violate University rules on academic honesty are subject to institutional disciplinary penalties, including the possibility of course failure and dismissal from the University. While you have certain rights under the University system, **the Air Force operates a separate screening program for selecting future officers and will not tolerate any form of dishonesty, academic or otherwise!**
7. **CLASS TIME AND LOCATION:**
Section 1: Tuesday, 0900–0950, Garrison Rm 116
Section 2: Wednesday, 1200-1250, Garrison Rm 116
8. (CADETS ONLY) **COUNSELING/INTERVIEWS:** I will require you to meet with me at least once each semester to discuss your progress, desires, intentions, and problems (if any). I will advise you when counseling/interviews are due via sign-up sheet. Be in uniform for the counseling session. Plan on the interview lasting approximately 20 minutes.
9. (CADETS ONLY) **MID-TERM GRADE FORM:** You are required to obtain your mid-term grades from all of your University/College Professors prior to your counseling/interview session with me. Utilize the attached Mid-term Grade Form (one form is required for each academic class). We will use this form together to monitor your academic progress and help you achieve success. Refer your professors to me if they have any questions. If a professor is unwilling to provide this information, please let me

know, and I will contact them. If there are no grades available at mid-term (i.e. no gradable items) please ask the professor to fill out the form and indicate this.

10. **UH CAPS STATEMENT.** Counseling and Psychological Services (CAPS) can help students who are having difficulties managing stress, adjusting to college, or feeling sad and hopeless. You can reach CAPS (www.uh.edu/caps) by calling 713-743-5454 during and after business hours for routine appointments or if you or someone you know is in crisis. No appointment is necessary for the “Let's Talk” program, a drop-in consultation service at convenient locations and hours around campus. http://www.uh.edu/caps/outreach/lets_talk.html

ATTENDANCE POLICY

1. **CLASS ATTENDANCE.** Proper attendance reflects a good attitude and a sense of responsibility—two key ingredients of officership and professionalism. Therefore, I expect all cadets and students to attend all AS100 classes. Cadets must also attend Leadership Laboratories. **Attendance at a minimum of 80% of scheduled classes is required for a passing final grade.** A record of class attendance will be maintained. If you know you will miss a class, tell me as soon as possible, but no later than two workdays prior to the absence. I will decide if the absence is excused or unexcused. Unexcused absences from class can result in a failing course grade or changes in membership status for cadets—but at minimum, will result in a reduction in your course grade. If you miss class when a quiz or exam is given or paper is due and do not turn in the assignment on time or seek a timely reschedule, you will not receive credit for the exam/assignment. The LLAB grade does not affect your classroom Air Force Science grade.

2. An absence *may* be excused when you are:

- a. Participating in an approved field trip or other official university activity (e.g., athletics, debate, music, theater arts, AFROTC physical, or AF Officer Qualifying Test (AFOQT). NOTE: Fraternity and Sorority functions are **not** official university activities)
- b. Medically confined or sick, with documentation
- c. Responding to an emergency (e.g., death in the family, severe automobile accident, etc.),

Be sure to notify your instructor **before** the class absence. There are very few situations when a student/cadet cannot notify the instructor before the absence. NOTE: Oversleeping or studying for a test are not legitimate reasons to be excused.

3. (CADETS ONLY) In all cases, you are required to submit an Official Memorandum formatted in accordance with *The Tongue and Quill*, AFH 33-337, or the class will be automatically unexcused. If you miss a class, make sure I receive the MFR the day of your return to class. As a courtesy, even if the absence will be unexcused, you should notify me in advance. For LLAB absences route the MFR through your chain of command.

4. To schedule and get credit for a LLAB make-up, see Captain Orallo.

5. *KEY DATES: (Based on University of Houston School Calendar)*

16 January 2018	First Day of AS Lead Lab
23 January 2018	Last day to add a full-term class
12-17 March 2018	Spring Break--no class
3 April 2018	Last day to drop and receive a "W"
30 April 2018	Last day of class (Official UH)
14 May 2018	Grades posted

STUDENT RESPONSIBILITIES.

1. *CLASSROOM CONDUCT:*

- a. In the military, when an officer enters or leaves the classroom, it is customary for cadets to come to attention and non-cadet students to stand
- b. You are not required to stand or raise your hand when contributing to class discussion; however you should properly address the instructor
- c. Address other classmates as "cadet" or "Mr. /Ms." and their last name
- d. Address our Non-commissioned Officers by their name & rank
- e. Eating in class is not permitted. Drinks are allowed.
- f. Cell phones should be on silent mode.

(CADETS ONLY)

2. *SALUTING.* When outside in uniform, render a hand salute to all military officers. Salute when reporting in and out.

3. *UNIFORM WEAR.* Wear your uniform properly and proudly. You must maintain grooming and weight standards to wear the uniform. Civilian clothes are authorized for this class, but must be appropriate. Hats, tank tops, cut-offs, shower shoes, etc., are NOT appropriate.

4. *HAZING.* Hazing is not tolerated by the Air Force or the University, and is against Texas law. Do not use your cadet position/rank to take advantage of or inflict cruelty upon subordinates, including oppression or deprivation of any right or privilege to which they are legally entitled. I expect members of this class and of the Air Force ROTC program to treat all others with dignity and respect.

5. *DRUGS/ALCOHOL. No drugs.* The Air Force will not tolerate use, possession, or handling of illegal drugs. **This includes underage drinking** and alcohol abuse. Never drive while or after drinking—and don't ride with those who have. An alcohol related incident could cost you your commissioning opportunity—or your life. As a reminder, the drinking age in Texas is 21.

6. *CONTRACT STANDARDS.* Contract cadets should be aware of membership requirements. Briefly stated, your requirements (refer to AFROTCI 36-2011, Nov 2017, for more detail) are as follows:

- a. Do not drop classes or change majors without first talking to me.
- b. You must maintain a full academic load (**Minimum of 12 semester hours**) and acceptable grades (**2.5 GPA** to compete for summer training).

- c. You must pass all AS courses with a “C” or better and pass LLAB which is graded on pass/fail scale based on attendance and completing objectives.
- d. You must report all civil involvements (civil, military, or school law enforcement) within **72 hours**.
- e. You must continue to meet physical fitness and weight standards.
- f. You must continue to meet medical standards—report any change in your medical status.
- g. You must continue to meet Air Force standards of appearance, leadership, self-discipline, and behavior.

These are minimum standards, and the Air Force is very competitive. You should always strive to do the best you can in all you do if you wish to compete successfully!

GRADING POLICY

Course Grades: Your grade in this class is based on *your* performance.

GRADE		ASSESSEMENTS	
A	96-100%	Exam 1	20
A-	92-95.9%	Exam 2	20
B+	88-91.9%	Attendance/Participation	10
B	84-87.9%	Quizzes	20
B-	80-83.9%	Written Assignment	15
C+	76-79.9%	Briefing Assignment	<u>15</u>
C	72-75.9%	TOTAL	100
C-	68-71.9%		
D	64-67.9%		
F	Below 64%		

NOTES:

1. **EXAM 1:** Will be an objective test on material presented in class and all assigned readings in *Foundations of the United States Air Force* from the start of the semester.

2. **EXAM 2:** Will be an objective test on material presented in class and all assigned readings in *Foundations of the United States Air Force* ***from the midterm exam to the end of the semester.***

3. ATTENDANCE GRADE:

Perfect attendance	Full attendance points
Only Excused Absences	Attendance points reduced by 25%
1 Unexcused Absence	Attendance points reduced by 50%
2 Unexcused Absences	Attendance points reduced by 75%
3 Unexcused Absences	0 attendance points
4 or more (>80%) Unexcused Absences	Course Failure

4. *WRITING/BRIEFING ASSIGNMENT*: Each student will prepare a Memorandum For Record (MFR) using the format in ***THE TONGUE AND QUILL, AFH 33-337***. The MFR will be one page in length. The topics will be discussed later in the semester. In addition to the paper, each student will present a 1-3 minute informative briefing. Further details will be provided in class. Papers/briefings turned in late may receive zero points.

AFSC 1201/AS100
COURSE OUTLINE – Fall 2017

1. *LEARNING OUTCOMES/COURSE LEARNING OBJECTIVES:* Each student will:

- a. Know the concept of war and the role the Air Force plays.
- b. Know the career opportunities available.
- c. Know the benefits afforded an Air Force member.
- d. Know and develop productive life skills.
- e. Demonstrate basic oral and written communication skills.

UNIT	TUE	WED	TOPIC	ASSIGNED READING
1/2 JAN	16	17	Welcome and Course Overview/ Introduction to ROTC	Lesson 12
3	23	24	Air Force Operations	Lesson 13
4	30	31	Listening	Lesson 14
5 FEB	6	7	Air Force Installations	Lesson 15
6	13	14	Principles of War and Tenets of Airpower	Lesson 16
7	20	21	Making Policy and Strategy	Lesson 17
8	27	28	Air Force Core Values- The Price of Admission/ Midterm Review	Lesson 18
9 MAR	6	7	MIDTERM	
10	13	14	Spring Break	Review SOBs Lessons 12-18
11	20	21	The Air Force Leader	Lesson 19
12	27	28	Airpower Through WWI (Written Assignment Due)	Lesson 20
13 APR	3	4	Briefings Due	
14	10	11	Human Relations in the Air Force	Lesson 21
15	17	18	Oath of Office	Lesson 22
16	24	25	Final Exam Review	Review SOBs for Lessons 19-22
17 MAY	1	2	FINAL EXAM administered during regularly scheduled class time.	Review SOBs for Lessons 19-22

*Note: The specific objectives, samples of behavior (hint: where exam questions come from), and reading assignments for each lesson are listed in your AS100 online text.

MID-TERM GRADE FORM				
FROM (AFROTC Detachment)		TO (Name of Instructor)		
University of Houston, Det 003		Captain Orallo		
NAME OF CADET (Last, First, Middle Initial)		SEMESTER	COURSE NUMBER	NAME OF COURSE
1. The cadet/student is a member of Air Force ROTC. This is a physically and academically challenging program that leads to a commission as an Air Force Officer upon completion of a Bachelor's Degree and ROTC program requirements. 2. Please provide the information requested below so that the cadet's potential for continuing in the AFROTC program can be evaluated. Your candid assessment is critical to the cadet's success. The student has voluntarily consented to the release of official records or information, as required. Only the student, authorized school officials, AFROTC detachment personnel, or DoD agencies will have access to the information. This information will be used for official Air Force business only. 3. Because of contractual obligations, your timely response will be appreciated. The student's future could depend on your accurate appraisal of his or her performance and effort. Thank you very much for your assistance. Please call if you have questions regarding this inquiry.		RELEASE STATEMENT As an Air Force Reserve Officer Training Corps (AFROTC) cadet, I authorize release of all information concerning my academic performance as requested on this form to AFROTC personnel.		
		DATE		
		SIGNATURE OF CADET		
SIGNATURE OF AFROTC DETACHMENT PROFESSOR		PHONE NUMBER	DATE	
				YES
				NO
Did the Student:				
Attend all class meetings?				
Complete all assignments?				
On time?				
Quality:				
Take all required quizzes and exams?				
On time?				
Prepare for class?				
Participate?				
Request outside help from you or your staff?				
Receive the help?				
Tell you he or she was having a problem?				
When?				
Does the student put forth a good faith effort to complete the course satisfactorily?				
WHAT IS THE STUDENT'S OVERALL PERFORMANCE IN YOUR CLASS THROUGH YOUR CURRENT GRADING PERIOD?				
CURRENT LETTER/PERCENTAGE GRADE? ____/____				
WHAT WAS THE STUDENT'S ATTITUDE?				
ADDITIONAL COMMENTS				
TYPED OR PRINTED NAME OF PROFESSOR		SIGNATURE OF PROFESSOR		