

PELLISSIPPI STATE TECHNICAL COMMUNITY COLLEGE
MASTER SYLLABUS

**THE DEVELOPMENT OF AIR POWER I
MSAF 2010**

Class Hours: 1.0

Credit Hours: 1.0

Laboratory Hours: 0.0

Date Revised: Fall 2001

Catalog Course Description:

This course focuses on factors contributing to the development of air power from its earliest beginnings through two world wars; the evolution of air power concepts and doctrine; and an assessment of communicative skills. A weekly leadership laboratory consisting of Air Force customs and courtesies, Air Force environment, drill and ceremonies; and field training operation is mandatory.

Entry Level Standards:

Student must consult with Captain James Evans prior to enrollment (974-3041).

Prerequisites:

Permission from ROTC program at the University of Tennessee, Knoxville
MSAF 2030 must be taken with this course.

Textbook(s) and Other Course Materials:

Concise History of the U.S. Air Force
Introduction to the United States Air Force
The Tongue and Quill, AFH 37-137, 31

I. Week/Unit/Topic Basis:

| Week | Topic |
|-------------|--|
| 1 | Introduction to course |
| 2 | Aerospace Power Defined |
| 3 | Early Flight to World War I |
| 4 | Advent of the Air Age: World War I (1914-1918) |
| 5 | Interwar Years and the Development of Air Doctrine |
| 6 | Airpower in World War II |
| 7 | MID-TERM EXAM |
| 8 | The European Theater in World War II |
| 9 | Pacific Theater In World War II |
| 10 | An Independent Air Force and the Cold War |
| 11 | The Berlin Airlift "Operation Vittles" |
| 12 | LeMay, Korea and the ICBM |

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|----|-------------------------------|
| 13 | Briefings and Paper Due |
| 14 | Air and Space Power Revisited |
| 15 | Final Review |
| 16 | Final Exam Period |

II. Course Objectives*:

- A. Discuss the milestones in the development and deployment of air power leading to its growth as a primary element of national security. II.2, II.3, III.2
- B. Discuss the historical events, leaders, and technical developments which surround the evolution and employment of USAF air and space power. II.2, II.3, III.2
- C. Demonstrate basic verbal and written communications skills. II.2, II.3, III.2
- D. Discuss the environment of the Air Force officer. II.2, II.3, III.2
- E. Demonstrate an operational understanding of the Air Force Core Values. II.2, II.3, III.2

*Roman numerals after course objectives reference goals of the university parallel program.

III. Instructional Processes*:

Students will:

- 1. Develop a vocabulary that allows them to communicate more effectively with military personnel. *Communication Outcome, Transitional Strategy*
- 2. Participate in lecture and field activities which develop teamwork, problem solving and information analysis. *Information Literacy Outcome, Problem Solving and Decision Making Outcome, Active Learning Strategy*
- 3. Listen to lectures, read text and handouts on topics regarding military history, safety, equipment, and terminology. *Communication Outcome, Problem Solving and Decision Making Outcome, Information Literacy Outcome, Personal Development Outcome*
- 4. Practice the elements of work ethic such as punctuality, professionalism, dependability, cooperation and contribution. *Personal Development Outcome*

*Strategies and outcomes listed after instructional processes reference Pellissippi State's goals for strengthening general education knowledge and skills, connecting coursework to experiences beyond the classroom, and encouraging students to take active and responsible roles in the educational process.

IV. Expectations for Student Performance*:

Upon successful completion of this course, the student should be able to:

- 1. Comprehend importance of understanding the evolution of air and space power. A,B
- 2. Know the definition of aerospace power and the components that help it. A,B
- 3. Know the key events and personalities, which formed the history of the United States Air Force from lighter-than-air aviation to the beginning of World War I. Respond to the importance of key individuals to the development of the USAF. A,B
- 4. Know and respond to the significance of airpower prior to and during World War I. A,B
- 5. Know the significance of airpower during the interwar years. Respond to the importance of Airpower advancements during the interwar years. A,B

6. Know the level of American preparation for WWII in 1940 and 1941. Respond to the importance of Aerospace Power during World War II. A,B
7. Know how airpower was employed in the European Theater during World War II. Respond to the importance of Aerospace Power in the European Theater. A,B
8. Know how the National Security Act (NSA) of 1947 established an independent Air Force and recognize its affect on the Air Force's early roles and missions. In addition, recognize and respond to the technological advances that lead up to the U.S./Soviet Union Cold War. A,B
9. Know the impact the Berlin Airlift had on the newly formed USAF as the first major confrontation of the Cold War. Respond to the importance of the Berlin Airlift to members of the U.S. Air Force. A,B
10. Know and respond to the role of USAF airpower during the Korean War. Understand the importance of the Strategic Air Command (SAC). Recognize the development of Intercontinental Ballistic Missiles (ICBMs) as a weapon. A,B
11. Demonstrate basic verbal and communication skills. C
12. Know/respond to the significance of airpower events discussed this semester and their relation to the CFD model. C,D

*Letters after performance expectations reference the course objectives listed above.

V. Evaluation:

A. Testing Procedures: 300 points

Mid-term Exam 100 points

Final Exam 200 points

B. Laboratory Expectations:

N/A

C. Field Work: 150 points

Oral Presentations 100 points

Written Assignments 50 points

D. Other Evaluation Methods: 50 points

Instructor Evaluation 50 points

E. Grading Scale:

450-500 = A

400-449 = B

350-399 = C

300-349 = D

less than 300 points will result in an F

VI. Policies:

A. Attendance Policy:

SHOW UP: This course requires each student to attend a minimum of 70 percent of their Aerospace Studies classes to receive a final passing grade. You will fail this course if you attend 69.99 percent of class.

B. Other Policies:

COUNSELING/ACADEMIC PLAN REVIEW: I will review your academic plan using AFROTC Form 48, Planned Academic Program, and conduct a counseling session with you each academic term at approximately the semester half-way point using AFROTC Form 16, Cadet Counseling Record. Please ensure you have a completed AFROTC Form 48 signed by your advisor prior to this session. A sign-up schedule will be provided—Cadets who miss appointments will receive disciplinary action.

WHAT YOU NEED TO DO:

- a. **PREPARE FOR EACH CLASS:** Read the material before class and participate in the discussions. Additional reading assignments may be provided by the instructor.
- b. **SHOW UP:** See attendance policy above.
- c. **OBSERVE CLASS PROTOCOL:** It is an Air Force custom to stand at attention when a ranking officer enters or leaves a room. We will observe this custom in the AS 201 class. The first cadet that sees the instructor or ranking officer enter the room will call the class to attention. Additionally, you are required to wear your uniform to class on Tuesday all day. Those that have AS 201 on another day are not required to wear their uniform to class. Cadets are expected to always maintain a high standard of dress and appearance while in uniform. Wear the uniform in a manner that emphasizes pride and keep your personal appearance above reproach (i.e. haircuts, weight standards, etc.). Finally, do not be late to my class.

WHAT YOU CAN EXPECT FROM THE INSTRUCTOR:

STRAIGHT ANSWERS: The Air Force is a great way of life full of exciting opportunities.

Hopefully, you will continue in Air Force ROTC and earn a commission as a second lieutenant.

You will be given every opportunity and all the assistance available in order for you to succeed.

WORDS TO LIVE BY: “rejoice in our sufferings, because we know suffering produces perseverance; perseverance, character; and character hope.” Romans 5:3. And that’s what AFROTC is about; developing integrity and character in its cadets in the hope of commissioning 2d Lts, and providing positive learning experiences for life time application. But this goal isn’t cheap and requires some suffering...especially as we together prepare for Field Training this summer.