

PELLISSIPPI STATE COMMUNITY COLLEGE
MASTER SYLLABUS

**THE DEVELOPMENT OF AIR POWER II
MSAF 2020**

Class Hours: 1.0

Credit Hours: 1.0

Laboratory Hours: 0.0

Date Revised: Sp 2011

Catalog Course Description:

This survey course is designed to examine general aspects of air and space power from an historical perspective. The course covers a time period from the first balloons and dirigibles to the space-age global positioning systems of the present. Content begins with an overview of the highlights between World War II and Operation Desert Shield and continue through the Global War on Terror.

Entry Level Standards:

Student must consult with Air Force ROTC at UTK prior to enrollment (974-3041).

Corequisites:

MSAF 2040, Leadership Lab IV

Textbook(s) and Other Course Materials:

TBA. Issued by the UTK Air Force ROTC to include:
The Evolution of USAF Air and Space Power, T-206, 2008.
Air Force Grammar Refresher Course, CD-600, 2007.
The Tongue and Quill, AFH 37-337, 2004

I. Week/Unit/Topic Basis:

Week	Topic
1	Introduction to Course
2	Vietnam: Part I
3	Vietnam: Part II
4	Vietnam: Part III
5	Mid-term exam
6	Cold War Conflicts
7	Rebuilding for Space
8	Operation Desert Shield
9	Operation Desert Storm
10	Post-Cold War USAF Operations

- 11 Operations in Somalia and Haiti
- 12 Operations in Yugoslavia and Kosovo
- 13 Operations in Afghanistan
- 14 Aerospace Power Review
- 15 Final Exam

II. Course Goals*:

The course will:

- 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 goals reference goals of the university parallel program.

III. Expected Student Learning Outcomes*:

The student will 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 World War I to present. 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 Vietnam. 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

* Capital letters after Expected Student Learning Outcomes reference the course goals listed above.

IV. Evaluation:

A. Testing Procedures: 200 points

Mid-term Exam 100 points
Final Exam 100 points

B. Laboratory Expectations:

N/A

C. Field Work: 80 points

Briefing 40 points
Written Assignments 40 points

D. Other Evaluation Methods: 20 points

Instructor Evaluation 20 points

E. Grading Scale:

270-300 = A
256-269 = B+
240-255 = B
210-239 = C+
190-209 = C
170-189 = D
less than 170 points will result in an F

V. Policies:

A. Attendance Policy:

Pellissippi State expects students to attend all scheduled instructional activities. As a minimum, students in all courses (excluding distance learning courses) must be present for at least 75 percent of their scheduled class and laboratory meetings in order to receive credit for the course. Individual departments/programs/disciplines, with the approval of the vice president of Academic Affairs, may have requirements that are more stringent. In very specific circumstances, an appeal of the policy may be addressed to the head of the department in which the course was taken. If further action is warranted, the appeal may be addressed to the vice president of Academic Affairs.

C. Accommodations for Disabilities:

Students who need accommodations because of a disability, have emergency medical information to share, or need special arrangements in case the building must be evacuated should inform the instructor immediately, privately after class or in her or his office. Students must present a current accommodation plan from a staff member in Services for Students with Disabilities (SSWD) in order to receive accommodations in this course. Services for Students with Disabilities may be contacted by going to Goins 127, 132, 134, 135, 131 or by phone: 539-7153 or TTY 694-6429. More information is available at <http://www.pstcc.edu/sswd/>.