

# AEROSPACE STUDIES

AS

## Department of Aerospace Studies Office of the Provost

### 111 Foundation of the United States Air Force I

Fall. 1(1-2)

Introduction to the U.S. Air Force today. Mission and organization; group leadership problems; introduction to communication skills. Leadership laboratory.

### 111L Foundation of the United States Air Force I Laboratory

Fall. 1(0-4) R: Open to undergraduate students in the Department of Aerospace Studies. C: AS 111 concurrently.

Introduces new cadets to AFROTC and the Air Force. Provides cadets with basic skill and knowledge to be a functional member of the AFROTC cadet corps. Gives the cadets information to help them decide whether to continue with AFROTC and pursue a commission if the USAF. The laboratory covers five major subject areas.

### 112 Foundation of the United States Air Force II

Spring. 1(1-2)

Introduction to the U.S. Air Force today. Officership and professionalism; group leadership problems; introduction to communication skills. Leadership laboratory.

### 112L Foundation of the United States Air Force II Laboratory

Spring. 1(0-4) RB: AS 111L R: Open to undergraduate students in the Department of Aerospace Studies. Approval of department. C: AS 112 concurrently.

Introduces new cadets to AFROTC and the Air Force. Provides cadets with basic skills and knowledge to be a functional member of the AFROTC cadet corp. Gives the cadets information to help them decide whether to continue with AFROTC and pursue a commission in the USAF.

### 211 The Evolution of USAF Air and Space Power I

Fall. 1(1-2)

Air Force heritage. Evolution of air power concepts and doctrine; introduction to ethics and values; introduction to leadership; continuing application of communication skills. Leadership laboratory.

### 211L The Evolution of USAF Air and Space Power I Laboratory

Fall. 1(0-4) R: Open to undergraduate students in the Department of Aerospace Studies. Approval of department. C: AS 211 concurrently.

The second year of leadership laboratory provides training to ensure every cadet is mentally and physically prepared to attend field training during the following summer. The course continues and amplifies subject areas from the 100 year.

### 212 The Evolution of USAF Air and Space Power II

Spring. 1(1-2)

Air Force leaders. Role of technology in the growth of air power; introduction to Quality Air Force; group leadership problems; continuing application of communication skills. Leadership laboratory.

### 212L The Evolution of USAF Air and Space Power II Laboratory

Spring. 1(0-4) C: AS 212 concurrently.

The second year of leadership laboratory provides training to ensure every cadet is mentally and physically prepared to attend field training during the following summer.

### 321 Air Force Leadership Studies I

Fall. 3 to 4 credits.

Communication, management, and ethical skills for Air Force officers. Emphasizes standards and professionalism in the modern officer corps. Leadership laboratory required for AFROTC cadets.

### 321L Air Force Leadership Studies I Laboratory

Fall. 1(0-4) R: Open to undergraduate students in the Department of Aerospace Studies. Approval of department. C: AS 321 concurrently.

Provides cadets the opportunity to exercise leadership skills in the operation and administration of the cadet wing in a constructive learning environment.

### 322 Air Force Leadership Studies II

Spring. 3 to 4 credits. RB: AS 321

Leadership theory, traditional Air Force management functions, and current practices. Emphasizes the application of leadership concepts by junior officers. Leadership laboratory required for AFROTC cadets.

### 322L Air Force Leadership Studies II Laboratory

Spring. 1(0-4) R: Open to undergraduate students in the Department of Aerospace Studies. Approval of department. C: AS 322 concurrently.

Provides cadets the opportunity to exercise leadership skills in the operation and administration of the cadet wing in a constructive learning environment.

### 421 National Security Affairs

Fall. 3 to 4 credits. RB: AS 322

Formation and implementation of defense policy and strategy. Bureaucratic interplay and impact of nuclear technology. Investigation of current defense issues. Leadership laboratory required for AFROTC cadets.

### 421L National Security Affairs Laboratory

Fall. 1(0-4) R: Open to undergraduate students in the Department of Aerospace Studies. Approval of department. C: AS 421 concurrently.

Cadets continue to exercise their leadership skills generally in higher-level corps leadership positions. The focus is on developing leadership skills and knowledge that will be needed at their first duty station.

### 422 National Security Affairs and Preparation For Active Duty

Spring. 3 to 4 credits. RB: AS 421

Role of the professional officer in a democratic society. Global security issues. Military justice and the laws of war. Leadership laboratory required for AFROTC cadets.

### 422L National Security Affairs II Laboratory

Spring. 1(0-4) R: Open to undergraduate students in the Department of Aerospace Studies. Approval of department. C: AS 422 concurrently.

Cadets continue to exercise their leadership skills, generally in higher-level corps leadership positions.

### 490 Independent Study

Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 3 credits in all enrollments for this course. R: Open to seniors or juniors. Approval of department.

Investigation of a particular aspect of aerospace studies.