

# AEROSPACE STUDIES

## Courses

### **AERO 101 - The Foundation of the U.S. Air Force I (1 Credit)**

Survey course introducing students to the U.S. Air Force and AFROTC. Topics include mission and organization of the Air Force, officership, professionalism, military customs and courtesies, and officer career opportunities.

### **AERO 101L - Initial Military Training Cadet Leadership Laboratory I (0 Credits)**

Provides cadets the basic skills/knowledge to be functional members of the cadet corps, and activities to build camaraderie and esprit-de-corps. Includes mandatory physical fitness program.

### **AERO 102 - The Foundation of the U.S. Air Force II (1 Credit)**

Continuation of AERO 101. Additional topics include Air Force core values, leadership principles, group leadership dynamics, and an introduction to verbal and written communications skills.

### **AERO 102L - Initial Military Training Cadet Leadership Laboratory II (0 Credits)**

Continuation of AERO 101L. Exposure to additional information on an Air Force career. Scenarios and problems teach followership and leadership skills. Includes mandatory physical fitness program.

### **AERO 201 - The Evolution of the U.S. Air Force I (1 Credit)**

Examines USAF air and space power from a historical perspective. Covers the earliest aircraft, both World Wars, the Korean and Vietnam conflicts, air and space employment during the Cold War.

### **AERO 201L - Field Training Preparation Cadet Leadership Laboratory I (0 Credits)**

Preparation of students for summer training at an Air Force base; teaching drill and other leadership experiences. Includes mandatory physical fitness program.

### **AERO 202 - The Evolution of the U.S. Air Force II (1 Credit)**

Continuation of AERO 201. This course continues to explore Air Force history, beginning with the Vietnam era and culminating with the application of air and space power in recent conflicts.

### **AERO 202L - Initial Field Training Preparation Cadet Leadership Laboratory II (0 Credits)**

Continuation of AERO 201L. Focuses on AFROTC Honor Code, Field Training Manual/procedures, and expeditionary skills required at field training. Includes mandatory physical fitness program.

### **AERO 301 - Air Force Leadership Studies I (4 Credits)**

Study of leadership, management fundamentals, the profession of arms, personnel evaluation systems, ethics, motivation, team building, change management, and communication skills. Analyses of leadership and management case studies.

**Corequisite:** AERO 301L.

**Graduation with Leadership Distinction:** GLD: Professional and Civic Engagement Leadership Experiences

### **AERO 301L - Intermediate Cadet Leader Leadership Laboratory I (0 Credits)**

Provides cadets opportunities to develop leadership and followership skills, as well as sharpen their planning, organization, and communication ability. Includes mandatory physical fitness program.

**Corequisite:** AERO 301.

**Graduation with Leadership Distinction:** GLD: Professional and Civic Engagement Leadership Experiences

### **AERO 302 - Air Force Leadership Studies II (4 Credits)**

Continuation of AERO 301. Topics include developing subordinates, conflict management, counseling, influence, authority and responsibility, accountability, and moral leadership. Includes case studies on effective supervision and accountability.

**Prerequisites:** AERO 301.

**Corequisite:** AERO 302L.

**Graduation with Leadership Distinction:** GLD: Professional and Civic Engagement Leadership Experiences

### **AERO 302L - Intermediate Cadet Leader Leadership Laboratory II (0 Credits)**

Continuation of AERO 301L. Allows intermediate cadet leaders to further develop leadership and management skills essential in Air Force officers. Includes mandatory physical fitness program.

**Prerequisites:** AERO 301L.

**Corequisite:** AERO 302.

**Graduation with Leadership Distinction:** GLD: Professional and Civic Engagement Leadership Experiences

### **AERO 401 - National Security/Leadership Responsibilities/Commissioning Preparation (4 Credits)**

Study of U. S. Constitution, the Armed Forces, civilian control of the military, elements of national security, USAF doctrine, Total Force, the Joint environment, terrorism, and regional and cultural studies.

**Prerequisites:** AERO 302.

**Corequisite:** AERO 401L.

### **AERO 401L - Senior Cadet Leader Leadership Laboratory I (0 Credits)**

Provides senior cadet leaders opportunities to develop leadership and supervisory skills, and to effectively manage resources toward mission accomplishment. Includes mandatory physical fitness program.

**Prerequisites:** AERO 302L.

**Corequisite:** AERO 401.

### **AERO 402 - Preparation for Active Duty (4 Credits)**

Continuation of AERO 401. Topics include additional regional studies, military justice, personnel feedback, evaluation and promotion systems, the military profession, current issues affecting the military, and preparation for active duty.

**Prerequisites:** AERO 401.

**Corequisite:** AERO 402L.

**AERO 402L - Senior Cadet Leader Leadership Laboratory II (0 Credits)**

Continuation of AERO 401L. Allows senior cadet leaders advanced opportunities to hone their leadership in preparation for entering active duty. Includes mandatory physical fitness program.

**Prerequisites:** AERO 401L.

**Corequisite:** AERO 402.

**AERO 499L - Extended Cadet Leader Leadership Laboratory (0 Credits)**

Provides extended cadet leaders opportunities to continue developing leadership, managerial, and communication skills, and to mentor junior cadet corps members. Includes mandatory physical fitness program.

**Prerequisites:** 402L.