

AIR FORCE AEROSPACE STUDIES (A F AERO)

A F AERO 101 – HERITAGE AND VALUES I

1 credit.

An introduction to the Air Force (AF), potential careers, and role of the United States Air Force today. Examine general aspects of the Department of the Air Force, AF Leadership, AF benefits, and opportunities for AF officers. Provides the foundation for becoming an Airman by outlining our heritage and values, as well as a historical perspective such as lessons on war and US military, AF operations, principles of war, and airpower. Gain a knowledge-level understanding for the employment of air and space power, from an institutional, doctrinal, and historical perspective.

Requisites: None

Repeatable for Credit: No

Last Taught: Fall 2025

Learning Outcomes: 1. Understand the Air Force Core Values and their importance to Airmen.

Audience: Undergraduate

2. Remember how air power developments helped create the U.S. Air Force.

Audience: Undergraduate

3. Remember Air Force dress and appearance standards.

Audience: Undergraduate

4. Remember the fundamental customs and courtesies of the U.S. Air Force.

Audience: Undergraduate

5. Remember The Tongue & Quill (T&Q) guidance to develop and deliver a professional military briefing.

Audience: Undergraduate

6. Remember basic guidelines for writing official AF papers.

Audience: Undergraduate

7. Remember the variety of career fields available to AFROTC cadets.

Audience: Undergraduate

8. Remember the monetary benefits of service for Air Force Airmen.

Audience: Undergraduate

A F AERO 102 – HERITAGE AND VALUES II

1 credit.

Continuation of A F AERO 101. An introduction to the Air Force (AF), potential careers, and role of the United States Air Force today. Examine general aspects of the Department of the Air Force, AF Leadership, AF benefits, and opportunities for AF officers. Provides the foundation for becoming an Airman by outlining our heritage and values, as well as a historical perspective such as lessons on war and US military, AF operations, principles of war, and airpower. Gain a knowledge-level understanding for the employment of air and space power, from an institutional, doctrinal, and historical perspective.

Requisites: None

Repeatable for Credit: No

Last Taught: Spring 2026

Learning Outcomes: 1. Remember the course material to be covered, course requirements to be met, and the opportunities and benefits available to cadets.

Audience: Undergraduate

2. Understand basic warfare as it pertains to the US military.

Audience: Undergraduate

3. Remember the importance of proper social media interactions for Air Force members.

Audience: Undergraduate

4. Remember the evolution of the Air Force, and its significance from 1947 to today.

Audience: Undergraduate

5. Understand how the principles of war and tenets of airpower contribute to warfare.

Audience: Undergraduate

6. Remember the Air Force organizational structure, its mission, and basic facts about leadership positions.

Audience: Undergraduate

7. Comprehend the Air Force's core values of integrity, service before self, and excellence in all we do and the importance of maintaining these values.

Audience: Undergraduate

8. Remember the levels of Air Force Doctrine and the types of operations providing airpower to the United States.

Audience: Undergraduate

9. Remember the mission and organization of the United States Air Force Major Commands.

Audience: Undergraduate

A F AERO 201 – TEAM AND LEADERSHIP FUNDAMENTALS I

1 credit.

Provides a fundamental understanding of leadership and team building. Discover the many layers to Air Force leadership, such as understanding oneself, listening to others, and being a good follower. Apply these leadership perspectives when completing team building activities and discussing topics such as Full Range Leadership, Problem Solving, and Motivation. Demonstrate basic verbal and written communication skills.

Requisites: None

Repeatable for Credit: No

Last Taught: Fall 2025

Learning Outcomes: 1. Comprehend the basics of leadership and team building.

Audience: Undergraduate

2. Comprehend the process of building and developing cohesive teams.

Audience: Undergraduate

3. Appreciate the intricacies of human resources management.

Audience: Undergraduate

4. Comprehend basic problem-solving processes

Audience: Undergraduate

5. Understand and exercise ethical decision making using examples and case studies.

Audience: Undergraduate

6. Demonstrate basic verbal and written communication skills.

Audience: Undergraduate

A F AERO 202 – TEAM AND LEADERSHIP FUNDAMENTALS II

1 credit.

Continuation of A F AERO 202. Provides a fundamental understanding of leadership and team building. Discover the many layers to Air Force leadership, such as understanding oneself, listening to others, and being a good follower. Apply these leadership perspectives when completing team building activities and discussing topics such as Full Range Leadership, Problem Solving, and Motivation. Demonstrate basic verbal and written communication skills.

Requisites: None

Course Designation: Level - Intermediate

L&S Credit - Counts as Liberal Arts and Science credit in L&S

Repeatable for Credit: No

Last Taught: Spring 2026

Learning Outcomes: 1. Comprehend the basics of leadership and team building

Audience: Undergraduate

2. Comprehend the process of building and developing cohesive teams.

Audience: Undergraduate

3. Appreciate the intricacies of human resources management.

Audience: Undergraduate

4. Comprehend basic conflict management processes.

Audience: Undergraduate

5. Understand and exercise ethical decision-making using examples and case studies.

Audience: Undergraduate

6. Demonstrate basic verbal and written communication skills.

Audience: Undergraduate

A F AERO 301 – LEADING PEOPLE AND EFFECTIVE COMMUNICATION I

3 credits.

Provides a fundamental understanding of leadership. Learn about the leadership process with its complex interaction among leaders, followers and circumstances. Focus on developing intermediate to advanced verbal and written communication skills. Cadets apply knowledge in leadership laboratories and other cadet wing activities.

Requisites: A F AERO 202

Course Designation: Level - Intermediate

L&S Credit - Counts as Liberal Arts and Science credit in L&S

Repeatable for Credit: No

Last Taught: Fall 2025

Learning Outcomes: 1. Understand how effective leadership can enable mission success in diverse organizations.

Audience: Undergraduate

2. Know the impact of embracing, supporting, and leading change on mission accomplishment.

Audience: Undergraduate

3. Know Leadership and Force Development Doctrine, the Air Force enlisted force structure and effective supervision techniques.

Audience: Undergraduate

4. Embrace attributes to be a leader of character, a coalition builder and a continuous learner.

Audience: Undergraduate

5. Comprehend the Code of Conduct and DoD Directive 5500.7-R, Joint Ethics Regulation.

Audience: Undergraduate

6. Apply clear and concise verbal and written communications.

Audience: Undergraduate

A F AERO 302 – LEADING PEOPLE AND EFFECTIVE COMMUNICATION II

3 credits.

Continuation of A F AERO 301. Provides a fundamental understanding of leadership. Learn about the leadership process with its complex interaction among leaders, followers and circumstances. Focus on developing intermediate to advanced verbal and written communication skills. Cadets apply knowledge in leadership laboratories and other cadet wing activities. Demonstrate intermediate to advanced verbal and written communication skills.

Requisites: A F AERO 301

Course Designation: Level - Intermediate

L&S Credit - Counts as Liberal Arts and Science credit in L&S

Repeatable for Credit: No

Last Taught: Spring 2026

Learning Outcomes: 1. Understand how leadership enables mission success in diverse and dynamic organizations.

Audience: Undergraduate

2. Comprehend how leadership, vision, goals, listening and communication enhance the mission.

Audience: Undergraduate

3. Adopt the role of an officer to enable the safety and well-being of Airmen and their families.

Audience: Undergraduate

4. Comprehend how motivation, feedback, boundaries, expectations, self-assessment and mentoring impact individual performance and subordinate development.

Audience: Undergraduate

5. Embrace the Air Force core values, heritage, and character and continuous learning attributes.

Audience: Undergraduate

6. Value proper organizational climate, media engagement and use of social media.

Audience: Undergraduate

7. Apply clear and concise verbal and written communications.

Audience: Undergraduate

A F AERO 401 – NATIONAL SECURITY AFFAIRS

3 credits.

Provides a fundamental understanding of National Security Strategy and the organization of the Department of Defense. Introduces strategic-level thinking by exploring the various domains in which the Air Force operates. Discuss joint operations and the integration of air, space, land and sea forces. Demonstrate intermediate to advanced verbal and written communication skills.

Requisites: A F AERO 302

Course Designation: Level - Intermediate

L&S Credit - Counts as Liberal Arts and Science credit in L&S

Repeatable for Credit: No

Last Taught: Fall 2025

Learning Outcomes: 1. Comprehend the basic elements of national security policy and process

Audience: Undergraduate

2. Comprehend the air and space power operations as well as understand selected roles of the military in society and current domestic and international issues affecting the military profession.

Audience: Undergraduate

3. Comprehend the responsibility, authority, and functions of an Air Force commander and selected provisions of the military justice system.

Audience: Undergraduate

4. Demonstrate basic verbal and written communication skills.

Audience: Undergraduate

A F AERO 402 – LEADERSHIP RESPONSIBILITIES & COMMISSIONING PREPARATION

3 credits.

Prepares cadets for life as Second Lieutenants. Covers various human resources topics to prepare each future officer for mid- to upper-level management positions, including evaluation systems, supervision and counseling, and annual training requirements. Become familiar with a myriad of officer responsibilities that they will incur upon joining the Active Duty community. Demonstrate intermediate to advanced verbal and written communication skills.

Requisites: A F AERO 401

Course Designation: Level - Intermediate

L&S Credit - Counts as Liberal Arts and Science credit in L&S

Repeatable for Credit: No

Last Taught: Spring 2026

Learning Outcomes: 1. Comprehend the basics of supervision and counseling

Audience: Undergraduate

2. Distinguish between professional and unprofessional relationships

Audience: Undergraduate

3. Comprehend core human resource topics and be prepared to handle issues related to suicide and sexual assault prevention, ethical decision-making, and religious accommodation

Audience: Undergraduate

4. Comprehend the Law of Armed Conflict and the military justice system

Audience: Undergraduate

5. Comprehend the Officer and Enlisted Evaluations Systems and be prepared to administer these programs as well as performance feedback, awards and decorations, and progressive discipline

Audience: Undergraduate

6. Understand the pay, allowance, leave and retirement systems

Audience: Undergraduate

7. Demonstrate basic verbal and written communication skills

Audience: Undergraduate

A F AERO 501 – LEADERSHIP LABORATORY I

1 credit.

Apply officer education training and serve as an orientation to Air Force procedures, leadership roles, and other topics dealing with the professional development of future Air Force Officers.

Requisites: Member of Air Force Reserve Officer Training Corps (AFROTC)

Repeatable for Credit: Yes, unlimited number of completions

Last Taught: Fall 2025

Learning Outcomes: 1. Provide first-year cadets an informative and motivational program designed to recruit, retain, and familiarize cadets with the Air Force way of life and foster leadership, followership, teamwork, and esprit de corps.

Audience: Undergraduate

2. Provide cadets scheduled to attend Field Training (FT) with the mental and physical skills needed to succeed in the AFROTC FT environment

Audience: Undergraduate

3. Provide cadets returning from FT sufficient opportunities to demonstrate and develop the leadership and management skills needed to successfully function as active duty officers.

Audience: Undergraduate

4. Provide cadets to be commissioned additional opportunities to demonstrate and develop the leadership and management skills needed to successfully function as an active duty officer and to adequately prepare them to transition from the AFROTC environment to active duty.

Audience: Undergraduate

A F AERO 502 – LEADERSHIP LABORATORY II

1 credit.

Apply leadership training and orient to Air Force procedures, leadership roles, and other topics dealing with the professional development of future Second Lieutenants.

Requisites: Member of Air Force Reserve Officer Training Corps (AFROTC)

Repeatable for Credit: Yes, unlimited number of completions

Last Taught: Spring 2026

Learning Outcomes: 1. Provide first-year cadets an informative and motivational program designed to recruit, retain, and familiarize cadets with the Air Force way of life and foster leadership, followership, teamwork, and esprit de corps.

Audience: Undergraduate

2. Provide cadets scheduled to attend Field Training (FT) with the mental and physical skills needed to succeed in the AFROTC FT environment.

Audience: Undergraduate

3. Provide cadets returning from FT sufficient opportunities to demonstrate and develop the leadership and management skills needed to successfully function as active duty officers.

Audience: Undergraduate

4. Provide cadets to be commissioned additional opportunities to demonstrate and develop the leadership and management skills needed to successfully function as an active duty officer and to adequately prepare them to transition from the AFROTC environment to active duty.

Audience: Undergraduate