

Air Science

Courses

AERO 1001 Heritage and Values of the US Air Force I: 2 semester hours

This course introduces students to contemporary military issues and overall Air Force structure. Contracting with AFROTC is not required for this course.

AERO 1002 Heritage and Values of the US Air Force II: 2 semester hours

This course introduces students to military concepts such as strategic offensive and defense forces, general purpose forces, aerospace support forces, and the Air Force relationship with U.S. Army forces. Contracting with AFROTC is not required for this course.

AERO 1500 Leadership Laboratory: 0 semester hours

Prerequisites: Students must be enrolled in an AERO course. Instruction is conducted within the framework of an organized cadet corps with a progression of experiences designed to develop each student's leadership potential. Course work includes a study of Air Force customs and courtesies, drill and ceremonies, career opportunities in the Air Force, and the life and work of an Air Force junior officer. Students develop their leadership potential in a practical, supervised laboratory, which typically includes field trips to Air Force installations throughout the United States. This course is generally taught at St. Louis University. It is required for all AF ROTC students.

AERO 2001 Team Leadership Fundamentals I: 2 semester hours

This course lays the foundation for teams and leadership. The topics include skills that will allow cadets to improve their leadership on a personal level and within a team. The course will prepare cadets for their field training experience where they will be able to put the concepts learned into practice. The purpose is to instill a leadership mindset and to motivate sophomore students to transition from AFROTC cadet to AFROTC officer candidate.

AERO 2002 Team Leadership Fundamentals II: 2 semester hours

Prerequisites: AERO 2001 or consent of instructor. This course lays the foundation for Air Force leadership and prepares AFROTC students for their field training experience where they will be able to put the concepts learned into practice. Contracting with AFROTC is not required for this course.

AERO 3001 Leading People & Effective Communications I: 3 semester hours

Prerequisites: Membership in the AFROTC Program or consent of instructor. This course focuses on training students to be effective managers in Air Force context. Professional concepts that will be emphasized include the use of managerial processes involving decision-making and the use of analytic aids to support planning, organizing, and controlling systems in a changing environment.

AERO 3002 Leading People & Effective Communications II: 3 semester hours

Prerequisites: AERO 3001 and membership in the AFROTC Program, or consent of instructor. This course continues the management training from AERO 3001. Using actual Air Force cases, students focus on the management of forces in change and managerial strategy within the context of the military organization.

AERO 4001 Air Force in National Security Affairs I: 3 semester hours

Prerequisites: AERO 3002 and membership in the AFROTC Program, or consent of instructor. This course explores the role of the armed forces as an integral element of American society, including civil-military relations, defense policy, and Air Force responsibilities in national defense. It is part of the final educational experience for AF ROTC Cadets before commissioning.

AERO 4002 Air Force in National Security Affairs II: 3 semester hours

Prerequisites: AERO 4001 and membership in the AFROTC Program, or consent of instructor. This course explores the importance of maintaining adequate national security forces and teaches students how to effectively design and implement Air Force-focused national security policies. It is part of the final educational experience for AF ROTC Cadets before commissioning.