

Aerospace Studies (Air Force ROTC)

Director

- Matthew E. Youmans

Undergraduate minor: aerospace studies

Website: <https://veterans.uiowa.edu/air-force-rotc>

Courses

Aerospace Studies Courses

- AERO:1100 Air Force Heritage and Values I** 1 s.h.
Introduction to the United States Air Force and Air Force Reserve Officer Training Corps (AFROTC); featured topics include structure of the U.S. Air Force, the Air Force's capabilities, career opportunities, benefits, Air Force installations, core values, leadership, teambuilding, and communication skills. Requirements: first-year or sophomore standing.
- AERO:1119 Crosstown Air Force Mentoring** 0 s.h.
Mentoring opportunity from an Air Force Officer as needed to provide guidance on the Air Force way of life; for crosstown enrolled Air Force ROTC students. Requirements: crosstown enrollment as AFROTC cadet.
- AERO:1150 AFROTC Leadership Laboratory (LLAB) AS 100-FA** 1 s.h.
A progression of experiences designed to develop leadership ability; military customs and courtesies, drill and ceremonies, military professional development, the life and work of a junior officer; leadership skills in a practical, supervised military lab setting. Offered fall semesters. Corequisites: AERO:1100. Requirements: first-year or sophomore standing.
- AERO:1159 Crosstown Air Force Lab** 0 s.h.
A progression of experiences designed to develop leadership ability; military customs and courtesies, drill and ceremonies, and military professional development. Requirements: crosstown enrollment as AFROTC cadet.
- AERO:1200 Air Force Heritage and Values II** 1 s.h.
Introduction to the United States Air Force (USAF) and Air Force Reserve Officer Training Corps (AFROTC); featured topics include evolution of the U.S. Air Force/Air Force history, principles of war/tenets of air power, what the Air Force brings to the joint fight, Department of the Air Force, and Air Force major commands; leadership concepts including ethical decision-making, communication, and professional speaking opportunities. Requirements: first-year or sophomore standing.
- AERO:1250 AFROTC Leadership Laboratory (LLAB) AS 100-SP** 1 s.h.
A progression of experiences designed to develop leadership ability; military customs and courtesies, drill and ceremonies, military professional development, the life and work of a junior officer; leadership skills in a practical, supervised military lab setting. Offered spring semesters. Corequisites: AERO:1200. Requirements: first-year or sophomore standing.
- AERO:2100 Team and Leadership Fundamentals I** 1 s.h.
Foundation for leadership and team building; concepts applied in team-building activities and class discussion, including demonstration of basic verbal and written communication; featured topics include listening, followership, and problem solving efficiently.
- AERO:2150 AFROTC Leadership Laboratory (LLAB) AS 200-FA** 1 s.h.
See AERO:1150. Offered fall semesters. Corequisites: AERO:2100.
- AERO:2200 Team and Leadership Fundamentals II** 1 s.h.
Foundation for leadership and team building; concepts applied in team building activities and class discussion, including demonstration of basic verbal and written communication; featured topics include conflict management, comprehensive airman fitness, and a leadership capstone.
- AERO:2250 AFROTC Leadership Laboratory (LLAB) AS 200-SP** 1 s.h.
See AERO:1150. Offered spring semesters. Corequisites: AERO:2200.
- AERO:3100 Leadership Studies: Leading People and Effective Communication I** 3 s.h.
Builds on leadership fundamentals taught in AERO:2100 and AERO:2200; students study leadership and leadership skills to use in their future Air Force environment; profession of arms, communications skills, and ethics; case studies used to examine Air Force leadership situations and demonstrate and exercise practical application of the concepts studied. Requirements: junior or higher standing.
- AERO:3150 AFROTC Leadership Laboratory (LLAB) AS 300-FA** 1 s.h.
See AERO:1150. Offered fall semesters. Corequisites: AERO:3100.
- AERO:3200 Leadership Studies: Leading People and Effective Communication II** 3 s.h.
Leadership and leadership skills used in the Air Force environment; continued study of the profession of arms, communication skills, and ethics taught in AERO:3100; creating a vision, mentoring, and other leadership fundamentals; students continue to hone their reading, writing, and speaking skills via several communication studies applications; case studies used to examine Air Force leadership situations, and to demonstrate and exercise practical application of the concepts studied; goal is to instill a more in-depth understanding of how to effectively lead people and organizations. Requirements: junior or higher standing.
- AERO:3250 AFROTC Leadership Laboratory (LLAB) AS 300-SP** 1 s.h.
See AERO:1150. Offered spring semesters. Corequisites: AERO:3200.
- AERO:4100 National Security/Leadership Responsibilities and Commissioning Preparation I** 3 s.h.
Introduction to the national security process, regional studies, advanced leadership ethics, and Air Force doctrine; focus specifically on current Air Force organization, leadership, and practical knowledge needed for a student's future as an Air Force officer; students improve oral and written communication skills and delve into military professionalism and ethics. Requirements: junior or higher standing.
- AERO:4150 AFROTC Leadership Laboratory (LLAB) AS 400-FA** 1 s.h.
See AERO:1150. Offered fall semesters. Corequisites: AERO:4100.

AERO:4200 National Security/Leadership Responsibilities and Commissioning Preparation II 3 s.h.

Continuation of AERO:4100 which introduced the national security process, regional studies, advanced leadership ethics, and Air Force doctrine; students expand their knowledge to comprehend the responsibility, authority, and functions of an Air Force commander and selected provisions of the military justice system; designed to prepare cadets for life as a second lieutenant; students continue to improve oral and written communication skills. Requirements: junior or higher standing.

AERO:4250 AFROTC Leadership Laboratory (LLAB) AS 400-SP 1 s.h.

See AERO:1150. Offered spring semesters. Corequisites: AERO:4200.