

Department of Aerospace Studies

Introduction

Air Force Reserve Officer Training (AFROTC) is an educational program designed to give men and women the opportunity to become Air Force officers while completing their college degrees. The Air Force ROTC program is focused on preparing cadets to become leaders in today's high-tech Air Force. The program is open to qualified male and female students of all academic majors of the university. Upon completion of the AFROTC program and the attainment of a baccalaureate degree, the graduate receives a commission as an officer in the U.S. Air Force. A monthly subsistence is provided during the junior and senior years. Scholarships are awarded on a competitive basis in increments of four, three, and two years.

Program Eligibility: To qualify for membership in the AFROTC program, a student must be a citizen of the United States and by their junior year be at least 17 years of age, physically qualified, and enrolled as a full-time student. All UNLV students are eligible to register for AFROTC academic courses even if they are not members of AFROTC.

UNLV students who desire a varied aerospace education without seeking a commission are encouraged to enroll in classes on a space-available basis for the purpose of academic credit only. These students are not required to attend the traditional AFROTC activities.

AFROTC Scholarships: Competitive scholarships are made directly to students by the Air Force in accordance with Department of Defense policies.

All AFROTC scholarships and stipends involve transactions between the programs and the student without university intervention. Although the university will not supplement AFROTC scholarships directly, students enrolled in the AFROTC program are eligible to apply for merit-based university scholarships as well as need-based and merit-based state and federal assistance programs.

Mission

To produce leaders for the Air Force and build better citizens for America.

Program Goals

Commission officer candidates based on Air Force requirements.

Program Objectives

Educate and train cadets to become outstanding leaders in the Air Force. Guide and motivate cadets to embrace the Air Force core values of "integrity first, service before self, and excellence in all we do."

Department Policies

Students pursuing a commission in the USAF must enroll in the class and leadership lab. Students not pursuing a commission can enroll only in the class.

Minor

Aerospace Studies (16 credits)

AES 110/120, 111/121, 230/240, 231/241, 351/361, 352/362, 471/481, 472/482. Sixteen credits of AES classes; 100 and 200 level classes are not prerequisites and can be taken concurrently with any other AES classes for students not pursuing commission and therefore not eligible to enroll in the labs.

Aerospace Studies

AES 110

Foundations of the United States Air Force I

Survey course designed to introduce AFROTC cadets and prospective Air Force officers to the Air Force culture. Describes heritage and structure of the United States Air Force and opportunities available to the Air Force corps. 1 credit.

AES 111

AFROTC Leadership Lab 1-A

Progression of experiences designed to develop leadership ability and awareness of the Air Force lifestyle with emphasis on: Air Force customs and courtesies; drill and ceremonies, physical fitness, the Air Force officer's environment and culture and opportunities available to commissioned officers. S/F grading only. Corequisite: AES 110 or equivalent. 2 credits.

AES 120

Foundations of the United States Air Force II

Survey course designed to introduce AFROTC cadets to the leadership aspects of being an Air Force officer and the environment in which the Air Force officer functions. Course emphasizes the Air Force's core values and other unique characteristics of serving in the United States Air Force. Prerequisite: AES 110 or equivalent. 1 credit.

AES 121

AFROTC Leadership Lab 1-B

Progression of experiences designed to develop leadership ability and awareness of the Air Force lifestyle with emphasis on: Air Force customs and courtesies; drill and ceremonies, physical fitness, the Air Force officer's environment and culture and opportunities available to commissioned officers. S/F grading only. Corequisite: AES 120 or equivalent. 2 credits.

AES 230

Evolution of USAF Air and Space Power I

Survey course designed to trace the development of the U.S. Air Force air and space power through a historical prism. Begins with the study of early flight and concludes with the Korean conflict. Special emphasis is placed on the evolving nature of Air Force capabilities, functions and doctrine. 1 credit.

AES 231

AFROTC Leadership Lab 2-A

In-depth progression of experiences developing leadership ability and awareness of the Air Force lifestyle. Focuses on continued military training related to uniform wear, military customs and courtesies, and military ceremonies. AES 231 is required for all cadets applying to attend Field Training. S/F grading only. Corequisite: AES 230 or equivalent. 2 credits.

AES 240**Evolution of USAF Air and Space Power II**

Survey course to trace the development of U.S. Air Force air and space power through a historical prism. Begins with study of the Vietnam War and concludes with the second war against Iraq. Emphasis placed on evolving nature of Air Force capabilities, functions and doctrine. Prerequisite: AES 230 or equivalent. 1 credit.

AES 241**AFROTC Leadership Lab II-B**

In-depth progression of experiences developing leadership ability and awareness of the Air Force lifestyle. Focuses on continued military training related to uniform wear, military customs and courtesies, and military ceremonies. AES 241 is required for all cadets applying to attend Field Training. S/F grading only. Corequisite: AES 240 or equivalent. 2 credits

AES 351**Air Force Leadership Studies I**

Designed to provide AFROTC cadets the opportunity to study and master the leadership, management and communication skills required of successful Air Force officers. Participate and interactive learning methodologies are used throughout to ensure students have internalized and can apply concepts being studied. Prerequisites: AES 240 or equivalent or junior standing. 3 credits.

AES 352**AFROTC Leadership Lab III-A**

Study of advanced leadership topics such as: planning and controlling the military activities of the AFROTC cadet corps, preparing and presenting military briefings and written communications, and providing guidance, direction, and information to increase the understanding, motivation, and performance of other cadets. S/F grading only. Corequisite: AES 351 or equivalent. 2 credits.

AES 361**Air Force Leadership Studies II**

Designed to provide AFROTC cadets the opportunity to study and master the leadership, management and communication skills required of successful Air Force officers. Emphasis placed on the study of military ethics, leadership accountability and professional relations. Participative and interactive learning methodologies used throughout. Prerequisites: AES 351 or equivalent or junior standing. 3 credits.

AES 362**AFROTC Leadership Lab III-B**

Study of advanced leadership skills such as: planning and controlling the military activities of the AFROTC cadet corps, preparing and presenting military briefings and written communications, and providing guidance, direction and information to increase the understanding, motivation, and performance of other cadets. S/F grading only. Corequisite: AES 361 or equivalent. 2 credits.

AES 471**National Security Affairs/Preparation for Active Duty I**

Provides advanced AFROTC cadets the opportunity to study the national security policy process, the make-up and joint nature of the U.S. military and pertinent regional issues. Participative and interactive learning methodologies used throughout. Continued emphasis placed on developing effective leadership and communication skills. Prerequisites: AES 361 or equivalent or junior standing. 3 credits.

AES 472**AFROTC Leadership Lab IV-A**

Provides senior AFROTC cadets advanced leadership experiences involving: planning and controlling military activities of the AFROTC cadet corps, preparing and presenting military briefings and written communications, and providing guidance, direction and information to increase the understanding, motivation, and performance of other cadets. S/F grading only. Corequisite: AES 471 or equivalent. 2 credits.

AES 481**National Security Affairs/Preparation for Active Duty II**

Provides advanced AFROTC cadets the opportunity to study regional issues impacting the U.S. Air Force, the unique aspects of the profession of arms and prepare them to enter active duty as an Air Force officer. Continued emphasis placed on developing effective leadership and communication skills. Prerequisites: AES 471 or equivalent or junior standing. 3 credits.

AES 482**AFROTC Leadership Lab IV-B**

Provides senior AFROTC cadets advanced leadership experiences involving: planning and controlling military activities of the AFROTC cadet corps, preparing and presenting military briefings and written communications, and providing guidance, direction and information to increase the understanding, motivation, and performance of other cadets. S/F grading only. Corequisite: AES 481 or equivalent. 2 credits.