

# Aerospace Studies

(314) 977-8227

**For information on the Air Force Reserve Officer Training Corps (AFROTC) and class schedules, please visit St. Louis University's website, [www.afrotc.com](http://www.afrotc.com) or call (314) 977-8227.**

Participation in AFROTC is not required to take Aerospace Studies courses but students must call the above number before registering for an AES course. Please note these courses are not offered at the McKendree campus, but at other sites.

The Aerospace Studies curriculum (AFROTC) consists of the General Military Course (GMC) at the first-year/sophomore level and the Professional Officer Course (POC) at the junior/senior level. The GMC covers two main themes: Heritage and Values, and Team and Leadership Fundamentals. Freshmen cadets will enroll in the AS 101/102 courses which take place at SLU on Wednesdays from 2-3 p.m. Cadets who enroll in AFROTC with only three years left until graduation will be enrolled as members of the AS 200 class. AS 201/202 classes take place at SLU on Wednesdays from 1-2 p.m. The courses of the POC emphasize the professional development of the future Air Force officer. The curriculum covers Air Force Leadership and Management and Preparation for Active Duty. Field trips to Air Force bases supplement classroom instruction and familiarize the cadet with Air Force operations and organizations.

## Leadership laboratory

In conjunction with the Aerospace Studies curriculum, the leadership laboratory is taken two hours per week throughout the student's enrollment in the AFROTC and is both organized and led by cadets enrolled in the professional officer 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. The first two years of the leadership laboratory include a study of Air Force customs and courtesies, drill and ceremonies, studying the environment of an Air Force officer, and learning about areas of opportunity available to commissioned officers. The last two years of the leadership laboratory involve planning and controlling of military activities of the cadet corps. LLAB is held at SLU on Wednesdays from 3:30-5:30 p.m. and is mandatory for all cadets in the AFROTC program.

## Field training

Cadets in the program participate in two-four weeks of field training. Field training is offered during the summer months at Maxwell AFB, Alabama, usually between a student's sophomore and junior years. Major areas of study include Air Force Orientation, leadership evaluation, aircrew/aircraft orientation, survival training, base functions, and physical training. No direct academic credit is awarded for Field Training.

## Scholarships

Students can compete for four, three-and-one-half, three, two-and-one-half year scholarships. These scholarships pay tuition, certain fees, and \$600 per year for textbook costs. Scholarship recipients also receive a tax-free monthly subsistence allowance. Information on scholarships can be acquired by telephoning Air Force ROTC Detachment 207 at (314) 977-8227.

## Information

Further information about Air Force ROTC may be obtained by calling (314) 977-8227 or toll-free 1-888-4AFROTC.

## Aerospace Studies (AES)

### **AES 101** **2** **HERITAGE AND VALUES OF THE UNITED STATES AIR FORCE I**

A survey course designed to introduce students to the United States Air Force and provides an overview of the basic characteristics, missions, and organization of the Air Force. Leadership Laboratory is mandatory for Air Force ROTC cadets and it complements this course by providing students with followership experiences and prepares them for Field Training. Classroom activity, one hour per week; Leadership Laboratory two hours per week. Classes are held at Saint Louis University.

### **AES 102** **2** **HERITAGE AND VALUES OF THE UNITED STATES AIR FORCE II**

A survey course designed to introduce students to the United States Air Force and provides an overview of the basic characteristics, missions, and organization of the Air Force. Leadership Laboratory is mandatory for Air Force ROTC cadets and it complements this course by providing students with followership experiences and prepares them for Field Training. Classroom activity, one hour per week; Leadership Laboratory two hours per week. Classes are held at Saint Louis University.

### **AES 201** **2** **TEAM AND LEADERSHIP FUNDAMENTALS I**

Focuses on laying 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 courses 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. Leadership Laboratory is mandatory for Air Force ROTC cadets and it complements this course by providing them with their first opportunity for applied leadership experiences and prepares them for Field Training. Classroom activity, one hour per week; Leadership Laboratory two hours per week. Classes are held at Saint Louis University.

### **AES 202** **2** **TEAM AND LEADERSHIP FUNDAMENTALS II**

Focuses on laying 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 courses 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. Leadership Laboratory is mandatory for Air Force ROTC cadets and it complements this course by providing them with their first opportunity for applied leadership experiences and prepares them for Field Training. Classroom activity, one hour per week; Leadership Laboratory two hours per week. Classes are held at Saint Louis University.

### **AES 301** **3** **LEADING PEOPLE AND EFFECTIVE COMMUNICATION I**

This course teaches cadets advanced skills and knowledge in management and leadership. Special emphasis is placed on enhancing leadership skills and communication.

Cadets have an opportunity to try out these leadership and management techniques in a supervised environment as juniors and seniors. A mandatory Leadership Laboratory complements this course for AFROTC cadets. Leadership Laboratory provides advanced leadership experiences and gives cadets opportunities to develop and apply fundamental leadership and management skills while planning and conducting corps activities. Classroom activity, three hours per week; Leadership Laboratory two hours per week. Classes are held at Saint Louis University.

### **AES 302** **3** **LEADING PEOPLE AND EFFECTIVE COMMUNICATION II**

This course teaches cadets advanced skills and knowledge in management and leadership. Special emphasis is placed on enhancing leadership skills and communication. Cadets have an opportunity to try out these leadership and management techniques in a supervised environment as juniors and seniors. A mandatory Leadership Laboratory complements this course for AFROTC cadets. Leadership Laboratory provides advanced leadership experiences and gives cadets opportunities to develop and apply fundamental leadership and management skills while planning and conducting corps activities. Classroom activity, three hours per week; Leadership Laboratory two hours per week. Classes are held at Saint Louis University.

### **AES 401** **3** **NATIONAL SECURITY AFFAIRS/ PREPARATION FOR ACTIVE DUTY I**

This course is designed for college seniors and gives them the foundation to understand their role as military officers in American society. It is an overview of the complex social and political issues facing the military profession and requires a measure of sophistication commensurate with the senior college level. A mandatory Leadership Laboratory complements this course for AFROTC cadets. Leadership Laboratory provides advanced leadership experiences and gives cadets opportunities to develop and apply fundamental leadership and management skills while planning and conducting corps activities. Classroom activity, three hours per week; Leadership Laboratory two hours per week. Classes are held at Saint Louis University.

### **AES 402** **3** **NATIONAL SECURITY AFFAIRS/ PREPARATION FOR ACTIVE DUTY II**

This course is designed for college seniors and gives them the foundation to understand their role as military officers in American society. It is an overview of the complex social and political issues facing the military profession and requires a measure of sophistication commensurate with the senior college level. The final semester provides information that will prepare the cadets for Active Duty. A mandatory Leadership Laboratory complements this course for AFROTC cadets. Leadership Laboratory provides advanced leadership experiences and gives cadets opportunities to develop and apply fundamental leadership and management skills while planning and conducting corps activities. Classroom activity, three hours per week; Leadership Laboratory two hours per week. Classes are held at Saint Louis University.