DEPARTMENT OF AEROSPACE STUDIES

The Air Force Reserve Officer Training Corps (AFROTC) Program at Texas State develops Air Force values and competencies in students for military service as commissioned officers upon graduation.

In the AFROTC four year program students may register in the same manner as for other college courses. During the freshman and sophomore years of the program, students enroll in the General Military Course (GMC). Membership in the GMC does not confer any military status or commitment upon the student with the exception of those students who are awarded the AFROTC scholarship. After completion of the GMC, students compete for entry into the Professional Officer Course (POC).

The POC is designed to provide greater flexibility to meet the needs of students desiring a commission in the Air Force. The basic requirement is that the student has two full-time academic years remaining at either the undergraduate or graduate level to meet the minimum requirement of four semesters of POC academics and laboratory requirements.

Selection for the POC is highly competitive. Criteria used to assess qualifications of applicants are the Air Force Officer Qualification Test (testing material and information is available through AFROTC), cumulative GPA, physical fitness test, and the Professor of Aerospace Studies' assessment. Before formal indiction into the POC, applicants must complete a four-week summer Field Training encampment paid for and conducted annually by the Air Force.

Both GMC and POC members must attend a weekly two-hour Leadership Laboratory each semester. The laboratory provides students an environment to develop, learn and practice Air Force leadership skills. Students interested in learning more about AFROTC may visit http://www.afrotc.com or contact the Department of Aerospace Studies and Detachment 840.

Furthermore, students who are categorized as sophomores, juniors, seniors or graduate students might have an opportunity to enter an abbreviated AFROTC program. Students in these categories who are interested in becoming an Air Force officer are encouraged to contact the Aerospace Studies department to obtain more information on these programs.

Finally, students may compete for a variety of scholarships. Qualified students may apply during the fall or spring semester for a scholarship that covers the remaining years in the program. The scholarships provide up to full tuition, laboratory and incidental fees, and an allowance for books. All students must complete a minimum of 24 semester hours of math and physical science or four semester hours of the same foreign language. In addition, scholarship students, based on their classification, may receive up to $500.00 per month tax-free subsistence. Students may obtain complete scholarship information online at www.afrotc.com or at the Aerospace Studies department.

Pursuant to Texas Education Code §51.302, up to three semester hours of credit in an upper-level ROTC course may be applied to the general education core curriculum American History Component (HIST 1310 or HIST 1320) and up to three hours to the general education core curriculum Government/Political Science Component (POSI 2320 only).

Minor
• Aerospace Studies

Courses in Aerospace Studies (A S)

A S 1000. Leadership Laboratory.
An integral and mandatory two-hour lab accomplished concurrently with all Aerospace Studies courses. It is a progression of practical command and staff experiences that develop leadership potential. AFROTC cadets plan, organize, direct, coordinate, and control all activities. The lab is repeatable without credit because it focuses on different leadership processes.
1 Credit Hours. 0 Lecture Contact Hours. 2 Lab Contact Hours.
Course Attribute(s): Lab Required
Grade Mode: Standard Letter

A S 1110. The Air Force Today I.
A study of the doctrine, mission, and organization of the United States Air Force; United States strategic offensive and defensive forces, their missions and functions; and employment of nuclear weapons. Co-requisite: A S 1000.
1 Credit Hour. 1 Lecture Contact Hour. 0 Lab Contact Hours.
Course Attribute(s): Lab Required
Grade Mode: Standard Letter

A S 1120. The Air Force Today II.
An introduction to flight, oral and written communication for the Air Force officer, Air Force installations, the Air Force profession and how the Air Force integrates with the U.S. Army, Navy, Marines, and Coast Guard. Co-requisite: A S 1000.
1 Credit Hour. 1 Lecture Contact Hour. 0 Lab Contact Hours.
Course Attribute(s): Lab Required
Grade Mode: Standard Letter

A S 2110. The Development of Air Power I.
A historical study of the development of air and space power beginning before the first powered flights through WWI, the inter-war years, and WWII, tracing the development of various air power concepts with a focus on factors prompting aerospace research and technological change. Co-requisite: A S 1000.
1 Credit Hour. 1 Lecture Contact Hour. 0 Lab Contact Hours.
Course Attribute(s): Lab Required
Grade Mode: Standard Letter

A S 2120. The Development of Air Power II.
A continuation of A S 2110 studying the historical development of air and space power from Vietnam to the present. Events and trends in the history of airpower are examined, emphasizing examples of the impact of air and space power on strategic thought. Co-requisite: A S 1000.
1 Credit Hour. 1 Lecture Contact Hour. 0 Lab Contact Hours.
Course Attribute(s): Lab Required
Grade Mode: Standard Letter
A S 3311. Leadership and Management I.
A study of the framework of leadership in the Air Force (AF), part
1. Practical case studies examine AF leadership and management
   situations and discipline and ethics scenarios that demonstrate
   applications of the concepts. The course emphasizes communication
   skills used by officers in the AF. Co-requisite: A S 1000.
   3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
   Course Attribute(s): Lab Required
   Grade Mode: Standard Letter

A S 3311. Leadership and Management II.
A study of the framework of leadership in the Air Force (AF), part
2. Practical case studies examine AF leadership and management
   situations and discipline and ethics scenarios that demonstrate
   applications of the concepts. The course emphasizes communication
   skills used by officers in the AF. Co-requisite: A S 1000.
   3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
   Course Attribute(s): Lab Required
   Grade Mode: Standard Letter

Part 1 of the study of professional Air Force (AF) officers in a democratic
society; societal attitudes toward the armed forces; national defense
structure, policy development; and military law. AFROTC cadets study
topics that prepare them for duty as AF officers. The course emphasizes
AF communication skills. Co-requisite: A S 1000.
   3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
   Course Attribute(s): Lab Required
   Grade Mode: Standard Letter

A S 4312. National Security Forces in Contemporary American Society II.
Part 2 of the study of professional Air Force (AF) officers in a democratic
society; societal attitudes toward the armed forces; national defense
structure, policy development; and military law. AFROTC cadets study
topics that prepare them for duty as AF officers. The course emphasizes
AF communication skills. Co-requisite: A S 1000.
   3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
   Course Attribute(s): Lab Required
   Grade Mode: Standard Letter