

**CORSICANA PUBLIC SCHOOLS  
AFJROTC COURSES**

**COURSE NAME:** ROTC I

**CREDIT HOURS:** 1

**STATE COURSE CODE:** PES00004

**LOCAL COURSE CODE:** 5752

**PREREQUISITES:** None

**GRADE LEVELS:** 9, 10, 11 or 12

**COURSE CREDIT:** Can qualify as either a PE credit or an Elective credit

**COURSE DESCRIPTION:** *(A Journey into Aviation History)*

This course is comprised of Aerospace Science, Leadership Education and Wellness. The Aerospace Science portion of the course is an aviation history course focusing on the development of flight throughout the centuries. It starts with ancient civilizations, then progresses through time to modern day. The emphasis is on civilian and military contributions to aviation; the development, modernization, and transformation of the Air Force; and a brief astronomical and space exploration history. Leadership education is an integral part of the instruction. During this first course the student is introduced to the Air Force Junior Reserve Officer Training Corps (AFJROTC) program. The course includes instruction on both the cadet and Air Force organizational structure; uniform wear; customs, courtesies, and other military traditions. The Drill and Ceremonies course is integrated in this course as part of Leadership Education. Cadets are provided fundamental and in-depth instruction in Air Force drill and ceremonies. Wellness is an official part of the Air Force Junior ROTC program. It is an exercise program focused upon individual base line improvements with the goal of achieving a national standard as calculated with age and gender.

**CORSICANA PUBLIC SCHOOLS  
AFJROTC COURSES**

**COURSE NAME:** ROTC II

**CREDIT HOURS:** 1

**STATE COURSE CODE:** 03160200 (PES00001)

**LOCAL COURSE CODE:** 5753 (5754 PE Credit)

**PREREQUISITES:** ROTC I (*SASI can waive*)

**GRADE LEVELS:** 10, 11 or 12

**COURSE CREDIT:** Can qualify as either a PE credit or an Elective credit

**COURSE DESCRIPTION:** The ROTC II course rotates once every three years between *The Exploration of Space*, *The Science of Flight*, and *Cultural Studies* (see TX-952 Curriculum Plan)

**COURSE NAME:** ROTC III

**CREDIT HOURS:** 1

**STATE COURSE CODE:** 03160300

**LOCAL COURSE CODE:** 5755

**PREREQUISITES:** ROTC II (*SASI can waive*)

**GRADE LEVELS:** 11 or 12

**COURSE CREDIT:** Can qualify as an Elective credit

**COURSE DESCRIPTION:** The ROTC III course rotates once every three years between *The Exploration of Space*, *The Science of Flight*, and *Cultural Studies* (see TX-952 Curriculum Plan)

**CORSICANA PUBLIC SCHOOLS  
AFJROTC COURSES**

**COURSE NAME:** ROTC IV

**CREDIT HOURS:** 1

**STATE COURSE CODE:** 03160400

**LOCAL COURSE CODE:** 5756

**PREREQUISITES:** ROTC III (*SASI can waive*)

**GRADE LEVELS:** 12

**COURSE CREDIT:** Can qualify as an Elective credit

**COURSE DESCRIPTION:** The ROTC III course rotates once every three years between *The Exploration of Space*, *The Science of Flight*, and *Cultural Studies* (see TX-952 Curriculum Plan)

***The Exploration of Space***

This course is comprised of Aerospace Science, Leadership Education and Wellness. The Aerospace Science portion of the course examines our Earth, the Moon and the planets, the latest advances in space technology, and continuing challenges of space and manned spaceflight. Issues that are critical to travel in the upper atmosphere such as orbits and trajectories, unmanned satellites, space probes, guidance and control systems are explained. Major milestones in man's quest to land on the Moon as well as the development of safe means to orbit humans and crafts in space for temporary and prolonged periods are analyzed. The Leadership Education portion of the course covers managers and management, the historical roots of contemporary management practice, and management and the environment. The planning section focuses on foundations of planning and decision making. You will learn about such topics as planning basics, including what planning is, types of plans, planning in uncertain environments, and how to establish goals and develop plans. The organizing section will allow you the opportunity to learn about managing change, stress, and innovation. The leading section deals with foundations of individual and group behavior, understanding work teams, communication and interpersonal skills, and leadership and trust. The Drill and Ceremonies course is integrated in this course as part of Leadership Education. Cadets are provided fundamental and in-depth instruction in Air Force drill and ceremonies. Wellness is an official part of the Air Force Junior ROTC program. It is an exercise program focused upon individual base line improvements with the goal of achieving a national standard as calculated with age and gender and complements the health and wellness portion of this course.

## ***The Science of Flight***

This course is comprised of Aerospace Science, Leadership Education and Wellness. The Aerospace Science portion of the course is designed to acquaint the student with the aerospace environment, the human requirements of flight, principles of aircraft flight, and principles of navigation. The course begins with a discussion of the atmosphere and weather. After developing an understanding of the flight environment, the student will be introduced to how that environment affects flight and the human body. Discussions will include the human circulatory system, the effects of acceleration and deceleration on the inner ear, and the equipment developed to protect the human body during flight. The student will be introduced to the forces of lift, drag, thrust, and weight and also learn basic navigation including map reading, course plotting, and the effects of wind. The Leadership Education portion of the course stresses communications skills and cadet corps activities. The student will receive instruction in how to communicate effectively; how to understand groups and teams; how to prepare for leadership; how to solve conflicts and problems; and how to improve individual personal development. The Drill and Ceremonies course is integrated in this course as part of Leadership Education. Cadets are provided fundamental and in-depth instruction in Air Force drill and ceremonies. Wellness is an official part of the Air Force Junior ROTC program. It is an exercise program focused upon individual base line improvements with the goal of achieving a national standard as calculated with age and gender and complements the health and wellness portion of this course.

## ***Cultural Studies: An Introduction to Global Awareness***

This course is comprised of Aerospace Science, Leadership Education and Wellness. The Aerospace Science portion of the course is designed to Cultural Studies: An Introduction to Global Awareness is a customized course about the world's cultures. The course is specifically created for the US Army, Marine Corps, Navy, and Air Force Junior ROTC programs. It is designed to introduce students to the study of world affairs, regional studies, and cultural awareness. It delves into history, geography, religions, languages, culture, political systems, economics, social issues, environmental concerns, and human rights. It looks at major events and significant figures that have shaped each region. The Leadership Education portion of the course examines career opportunities and emphasizes life skills. Students will be given the opportunity to study career paths after high school; how to apply for college or vocational/technical schools; how to begin the job search; how to prepare a resume'; and the importance of good interviewing skills. The Drill and Ceremonies course is integrated in this course as part of Leadership Education. Cadets are provided fundamental and in-depth instruction in Air Force drill and ceremonies. Wellness is an official part of the Air Force Junior ROTC program. It is an exercise program focused upon individual base line improvements with the goal of achieving a national standard as calculated with age and gender and complements the health and wellness portion of this course.