

TX-794 AFJROTC COURSE SYLLABUS

COURSE NAME: AFJROTC III

CREDIT HOURS: .5 Credit Hours Per Semester

INSTRUCTOR'S NAME: Colonel (Ret) Steve Shinkle, Senior Aerospace Science Instructor
Master Sergeant (Ret) Ronald F. Deos, Aerospace Science Instructor

GRADING: Assessments 20%, Citizenship 20%, Wellness 20%, Uniform Wear 40%

COMPONENT 1: LEADERSHIP EDUCATION

Course Description: This course will be helpful to students in planning life after high school. Information on how to apply to colleges/vocational or technical schools is included. Information on how to begin the job search is available to those who decide not to go to college/vocational school. Available is information about financial planning and spend money wisely, as well as how not to get caught in the credit trap. Students are informed about real life issues such as contracts, leases, wills, warranties, legal notices, and personal bills. Citizen responsibilities such as registering to vote, jury duty, and draft registration will be helpful too. For those students who may be moving into an apartment of their own, information is presented on apartment shopping and grocery shopping skills. There is information on how to prepare a résumé and the importance of good interviewing skills. If there are students who are interested in a career in the military, with the federal government, or an aerospace career, information is also provided for them.

Course Objectives: Know specific career options to pursue; Know the elements of a personal budget and financial plan; Know the requirements for applying to a college or university; Know the essential process for pursuing a career.

Course Materials: Textbook: LEADERSHIP EDUCATION III: Life Skills and Career Opportunities; and accompanying workbook.

Assignments: Cadets will read assigned chapters and accomplish selected activities from the Student Workbook. Cadets will participate in classroom discussion. Cadets will prepare speeches and written reports. Cadets will prepare for Drill Evaluation. Cadets will prepare for quizzes and chapter tests. Cadets must wear the Air Force issued uniform a minimum of one day each week. Cadets will receive a weekly grade on proper wear of the Air Force uniform on the designated uniform wear day. Cadets may be required to wear the uniform at other times as required by the instructor to support AFJROTC activities.

COMPONENT 2: AEROSPACE SCIENCE

Course Description: The third year is a science course that includes studies of Space and Astronomy. In Space, students examine our Earth, the Moon and the planets, the latest advances in technology, and continuing challenges of spaceflight. Issues critical to travel in the upper atmosphere such as orbits and trajectories, unmanned satellites, and space probes are explained. The manned spaceflight section covers major milestones in the endeavor to land on the Moon, and to safely orbit humans and crafts in space. It also covers the development of space stations, the Space Shuttle and its future, and international laws for the use of and travel in space.

Course Objectives: Comprehend the "big picture" of space exploration to include history of spaceflight, organizations doing work in space, and the overall space environment; Know and use key concepts for getting from the surface of the Earth into Earth orbit, to other planets and back again; Know how spacecraft and launch vehicles, and their associated parts, are designed and built to support the needs of the United States; Apply techniques used to manage the development and operation of space systems within government and industry.

Course Materials: Textbooks: AEROSPACE SCIENCE: The Exploration of Space and EXPLORATIONS: An Introduction to Astronomy.

Assignments: Cadets will read assigned chapters and accomplish selected activities from the Student Workbook. Cadets will participate in classroom discussion. Cadets will prepare speeches and written reports.

COMPONENT 3: WELLNESS

Course Description: The wellness component of the class is designed to subject students to an individualized fitness assessment and improvement plan. This is done by using elements of the Headquarters AFJROTC Extreme Excellence Challenge (E2C) Program along with a participative team sports program. Students are graded on their participation in the program and showing personal effort during exercises and activities. Students may earn AFJROTC awards for meeting or exceeding certain standards within the E2C program.