

## TX-20011, AFJROTC COURSE SYLLABUS

### AEROSPACE SCIENCE 1: A JOURNEY INTO AVIATION HISTORY

Instructors: SASI, Lt Col John Parish, USAF (ret); ASI, TSgt Stutts Calice, USAF (ret)

Course Description: This is the recommended first AS component for all new cadets. It 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. It is interspersed with concise overviews of the principles of flight to include basic aeronautics, aircraft motion and control, flight power, and rockets. Throughout the course, there are readings, videos, hands-on activities, and in-text and student workbook exercises to guide in the reinforcement of the materials.

Course Objectives:

1. Know the historical facts and impacts of early attempts to fly.
2. Know the major historical contributors to the development of flight.
3. Know the contributions for the U.S. Air Force to modern aviation history.
4. Know the key events of space exploration history.

Course Materials:

1. Textbook: Aerospace Science I: A Journey Into Aviation History (2007 edition)
2. Student Workbook: Aerospace Science I: A Journey Into Aviation History (2007 edition)
3. Selected video tapes
4. TX-20011 Cadet Handbook

Assignments:

1. Cadets will read assigned chapters, accomplish selected chapters in Student Workbook, which corresponds to textbook chapters, and participate in demonstration/participation quiz games.
2. Cadets will prepare speeches and written reports corresponding to textbook chapters and related subjects.
3. Cadets will prepare for unannounced quizzes and announced chapter tests.
4. Cadets will adhere to uniform wear requirements by wearing the Air Force issued uniform on Wednesdays.

Grading: The Aerospace Science (AS History) portion of the course will be graded by the SASI. The Leadership Education (LE) portion will be graded by the ASI. Drill will be evaluated as part of LE by the ASI and may be evaluated by the SASI. E2C Wellness will be a stand alone grade but added to the overall grade. Cadets are required to participate in classroom activities for a portion of the grade. In addition, all cadets will be required to complete a number of community service hours during the semester for a portion of the overall grade.

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|--------------------------------------|-----|
| 1. Academic Tests                    | 20% |
| 2. Assignments                       | 10% |
| 3. Cadet Bearing/Class Participation | 10% |
| 4. Cadet Drill                       | 10% |
| 5. Community Service                 | 20% |
| 6. E2C Wellness                      | 10% |
| 7. Uniform Wear                      | 20% |

## TX-20011, AFJROTC COURSE SYLLABUS

### AEROSPACE SCIENCE 2: GLOBAL AND CULTURAL STUDIES

Instructors: SASI, Lt Col John Parish, USAF (ret); ASI, TSgt Stutts Calice, USAF (ret)

Course Description: This is a multidisciplinary course that introduces students to various regions of the world from a geographic, historical and cultural perspective. The course provides increased international awareness and insight into foreign affairs that permits a more educated understanding of other cultures and enhanced knowledge of America's interests and role in the world. Geopolitical issues such as terrorism, economics, politics, military issues, religion, environmental concerns, human rights, disease, over population, literacy, the migration of peoples and other cultural issues will be examined. The regional areas included in this course are Europe, the Middle East, South Asia, East Asia, Africa, and Latin America. The lessons include excellent videos to provide a window into life and issues within the regions, followed by a variety of hands-on activities created to engage the student. Readings are also available to set the stage for each lesson, along with workbook exercises suitable for in-class or homework assignments.

Course Objectives:

1. Know how cultural, geographic and economic factors have shaped Europe.
2. Know how religion, resources, conflict, external intervention and other cultural factors have influenced the modern day Middle East.
3. Know how religion, institutions, ethnicity, history, population and outside influences have impacted Southeast Asia.
4. Know the role cultural traditions, social issues, communism, war and U.S. interests played in shaping East Asia.
5. Know how diverse cultures, European colonialism and the slave trade, war, famine and other factors have affected Africa over the centuries.
6. Know how cultural diversity, environmental issues, volatile politics and U.S. interests impacted Latin America.

Course Materials:

1. Aerospace Science: Instructional Guide & Global and Cultural Studies Student Workbook (Volumes 1 & 2)
2. Selected video tapes and instructor handouts.
3. TX-20011 Cadet Handbook

Assignments:

1. Cadets will accomplish handouts given by instructor and prepare speeches and written reports.
2. Cadets will prepare for unannounced quizzes and announced chapter tests.
3. Cadets will adhere to uniform wear requirements by wearing the Air Force issued uniform on Wednesdays.

Grading: The Aerospace Science (AS History) portion of the course will be graded by the SASI. The Leadership Education (LE) portion will be graded by the ASI. Drill will be evaluated as part of LE by the ASI and may be evaluated by the SASI. E2C Wellness will be a stand alone grade but added to the overall grade. Cadets are required to participate in classroom activities for a portion of the grade. In addition, all cadets will be required to complete a number of community service hours during the semester for a portion of the overall grade.

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| 1. Academic Tests                    | 20% |
| 2. Assignments                       | 10% |
| 3. Cadet Bearing/Class Participation | 10% |
| 4. Cadet Drill                       | 10% |
| 5. Community Service                 | 20% |
| 6. E2C Wellness                      | 10% |
| 7. Uniform Wear                      | 20% |

## TX-20011, AFJROTC COURSE SYLLABUS

### AEROSPACE SCIENCE 2.1: THE SCIENCE OF FLIGHT

Instructors: SASI, Lt Col John Parish, USAF (ret); ASI, TSgt Stutts Calice, USAF (ret)

Course Description: This aerospace science 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 environment, how that environment affects flight is introduced. Discussions include the forces of lift, drag, thrust, and weight. Students also learn basic navigation including map reading, course plotting, and the effects of wind. The portion of the Human Requirements of Flight is a survey course on human physiology. Discussed here are the human circulatory system, the effects of acceleration and deceleration, and protective equipment.

Course Objectives:

1. Know the atmosphere environment.
2. Know the basic human requirements of flight.
3. Know why Bernoulli's principle and Newton's Laws of Motion are applied to the theory of flight and the operating principles of reciprocation engines, jet engines, and rocket engines.
4. Know the basic elements of navigation, the four basic navigation instruments, and the methods of navigation.

Course Materials:

1. Textbook: Aerospace Science II: The Science of Flight (2001 edition)
2. Student Workbook: Aerospace Science II: The Science of Flight (2002 edition)
3. Selected video tapes
4. Aviation maps and navigation instruments
5. Computers with flight simulator
6. TX-20011 Cadet Handbook

Assignments:

1. Cadets will read assigned chapters, accomplish selected chapters in Student Workbook, which corresponds to textbook chapters, and participate in demonstration/participation quiz games.
2. Cadets will prepare for unannounced quizzes and announced chapter tests.
3. Cadets will demonstrate basic skill in controlling aircraft movement using computer flight simulator and scripted flight plan.
4. Cadets will demonstrate basic map reading knowledge and solving basic flight navigation problems.
5. Cadets will adhere to uniform wear requirements by wearing the Air Force issued uniform on Wednesdays.

Grading: The Aerospace Science (AS History) portion of the course will be graded by the SASI. The Leadership Education (LE) portion will be graded by the ASI. Drill will be evaluated as part of LE by the ASI and may be evaluated by the SASI. E2C Wellness will be a stand alone grade but added to the overall grade. Cadets are required to participate in classroom activities for a portion of the grade. In addition, all cadets will be required to complete a number of community service hours during the semester for a portion of the overall grade.

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|--------------------------------------|-----|
| 1. Academic Tests                    | 20% |
| 2. Assignments                       | 10% |
| 3. Cadet Bearing/Class Participation | 10% |
| 4. Cadet Drill                       | 10% |
| 5. Community Service                 | 20% |
| 6. E2C Wellness                      | 10% |
| 7. Uniform Wear                      | 20% |

## TX-20011, AFJROTC COURSE SYLLABUS

### AEROSPACE SCIENCE 3: THE EXPLORATION OF SPACE

Instructors: SASI, Lt Col John Parish, USAF (ret); ASI, TSgt Stutts Calice, USAF (ret)

Course Description: The course, which examines our Earth, the Moon and the planets, the latest advances in space technology, and continuing challenges of space and manned space flight. Issues critical to travel in the upper atmosphere such as orbits and trajectories, unmanned satellites, space probes, guidance and control systems are discussed. The manned space flight section covers major milestones in the endeavor to land on the Moon, and to safely orbit humans and crafts in space for temporary and prolonged periods. 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:

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

Course Materials:

1. Textbook: Aerospace Science III: The Exploration of Space (2005 edition)
2. Selected excerpts from the Student Workbook (2005 edition)
3. Selected video tapes
4. TX-20011 Cadet Handbook

Assignments:

1. Cadets will read assigned chapters, accomplish selected chapters in Student Workbook, which corresponds to textbook chapters, and participate in demonstration/participation quiz games.
2. Cadets will prepare for unannounced quizzes and announced chapter tests.
3. Cadets will write one research paper (graded) of not less than 2 pages (with ungraded 3-5 min speech).
4. Cadets will give one graded 5-7 minute speech.
5. Cadets will adhere to uniform wear requirements by wearing the Air Force issued uniform on Wednesdays.

Grading: The Aerospace Science (AS History) portion of the course will be graded by the SASI. The Leadership Education (LE) portion will be graded by the ASI. Drill will be evaluated as part of LE by the ASI and may be evaluated by the SASI. E2C Wellness will be a stand alone grade but added to the overall grade. Cadets are required to participate in classroom activities for a portion of the grade. In addition, all cadets will be required to complete a number of community service hours during the semester for a portion of the overall grade.

1. Academic Tests	20%
2. Assignments	10%
3. Cadet Bearing/Class Participation	10%
4. Cadet Drill	10%
5. Community Service	20%
6. E2C Wellness	10%
7. Uniform Wear	20%

## TX-20011, AFJROTC COURSE SYLLABUS

### AEROSPACE SCIENCE 3.1: ASTRONOMY

Instructors: SASI, Lt Col John Parish, USAF (ret); ASI, TSgt Stutts Calice, USAF (ret)

Course Description: This course explores the history of astronomy to include prehistoric astronomy, the early ideas of the heavens. The size and shape of the earth are discussed as well as the distance and size of the Sun and Moon. Other topics such as astronomy in the renaissance and Isaac Newton and the Birth of Astrophysics and the growth of astrophysics are discussed. We take focus on the Earth as a planet and the Earth's interior; the age of the Earth and Earth's magnetic atmosphere and magnetic field. The Moon is discussed in detail including its description, its structure, and its origin and history, as well as its eclipses and tides. An in-depth study of the Solar System, the terrestrial planets and the outer planets is covered as well.

Course Objectives:

1. Know the history of astronomy.
2. Know specific characteristics about Earth.
3. Know about the moon and the Solar System.
4. Know particular characteristics about the planets.

Course Materials:

1. Textbook: Explorations: An Introduction to Astronomy (2004 edition)
2. Selected excerpts from the Student Workbook (2004 edition)
3. Selected video tapes
4. TX-20011 Cadet Handbook

Assignments:

1. Cadets will read assigned chapters, accomplish selected chapters in Student Workbook, which corresponds to textbook chapters, and participate in demonstration/participation quiz games.
2. Cadets will prepare for unannounced quizzes and announced chapter tests.
3. Cadets will give one graded 5-7 minute speech.
4. Cadets will adhere to uniform wear requirements by wearing the Air Force issued uniform on Wednesdays.

Grading: The Aerospace Science (AS History) portion of the course will be graded by the SASI. The Leadership Education (LE) portion will be graded by the ASI. Drill will be evaluated as part of LE by the ASI and may be evaluated by the SASI. E2C Wellness will be a stand alone grade but added to the overall grade. Cadets are required to participate in classroom activities for a portion of the grade. In addition, all cadets will be required to complete a number of community service hours during the semester for a portion of the overall grade.

1. Academic Tests	20%
2. Assignments	10%
3. Cadet Bearing/Class Participation	10%
4. Cadet Drill	10%
5. Community Service	20%
6. E2C Wellness	10%
7. Uniform Wear	20%

## TX-20011, AFJROTC COURSE SYLLABUS

### AEROSPACE SCIENCE 4: OPTIONS

Instructors: SASI, Lt Col John Parish, USAF (ret); ASI, TSgt Stutts Calice, USAF (ret)

Course Description: The fourth year of the curriculum is unique from the others. The Senior Aerospace Science Instructor may choose which option to incorporate for that year. There are three options: Management of the Cadet Corps, Survival, and Policy & Organization.

Option 1- Management of the Cadet Corps. This option allows the cadets to manage all aspects of Corps Operations during the year. This hands-on experience affords the cadets the opportunity to put the theories of previous leadership courses into practice under the supervision of the instructor force. All the planning, organizing, coordinating, directing, and decision-making will be done by the cadets. They practice their communication, decision-making, personal-interaction, managerial, and organizational skills on a daily basis.

Course Objectives for this option:

1. Apply the theories and techniques learned in previous leadership courses.
2. Know how to develop leadership and management competency through participation.
3. Apply strengthened organizational skill through active incorporation.
4. Know how to develop confidence in ability by exercising decision-making skills.
5. Apply Air Force standards, discipline, and conduct.

Assignments:

1. Cadets, through cadet staff positions, will put leadership skills to practical use in running the Cadet Corps.
2. Cadets will participate in school and community service projects.
3. Cadets will exercise goal setting, teamwork, planning skills, and use of metrics in preparing for any Staff Assistance Visits or Inspections.
4. Cadets will submit weekly staff reports and attend weekly staff meetings.
5. Cadets will adhere to uniform wear requirements by wearing the Air Force issued uniform on Wednesdays.

Option 2 ó Survival. This option presents õgood to knowõ information that would be useful in any situation. Survival instruction will provide training in skills, knowledge, and attitudes necessary to successfully perform fundamental tasks needed for survival. The *Survival* is a synthesis of the basic information found in Air Force Regulation 64-4, *Survival Training*. The information is just as useful to an individual lost hunting or stranded in a snowstorm.

Course Objectives for this option:

1. Know the elements of surviving.
2. Know how medical procedures, clothing, and shelter can provide personal protection for a survivor in a survival situation.
3. Know the necessities for maintaining life in a survival situation.
4. Know how to travel and prepare for recovery in a survival situation.

Assignments:

1. Cadets will read assigned chapters and participate in demonstration/participation quiz games.
2. Cadets will prepare speeches and written reports corresponding to textbook chapters and related subjects.
3. Cadets will prepare for unannounced quizzes and announced chapter tests.
4. Cadets will adhere to uniform wear requirements by wearing the Air Force issued uniform on Wednesdays.

Grading: The Aerospace Science (AS History) portion of the course will be graded by the SASI. The Leadership Education (LE) portion will be graded by the ASI. Drill will be evaluated as part of LE by the ASI and may be evaluated by the SASI. E2C Wellness will be a stand alone grade but added to the overall grade. Cadets are required to participate in classroom activities for a portion of the grade. In addition, all cadets will be required to complete a number of community service hours during the semester for a portion of the overall grade.

1. Academic Tests	20%
2. Assignments	10%
3. Cadet Bearing/Class Participation	10%
4. Cadet Drill	10%
5. Community Service	20%
6. E2C Wellness	10%
7. Uniform Wear	20%

## TX-20011, AFJROTC COURSE SYLLABUS

### LEADERSHIP EDUCATION I: INTRODUCTION TO AIR FORCE JROTC

Instructors: SASI, Lt Col John Parish, USAF (ret); ASI, TSgt Stutts Calice, USAF (ret)

Course Description: Leadership education is an integral part of each year's instruction. The first year is dedicated to leadership studies related directly to the academic subject matter, with study habits and time management. Additionally, wear of the uniform, Air Force customs and courtesies, and basic drill skills are introduced.

The Course Objectives are:

1. Know the importance of AFJROTC history, mission, purpose, goals, and objectives.
2. Know military traditions and the importance of maintaining a high standard of dress and personal appearance.
3. Know the importance of attitude, discipline, and respect and why values and ethics are so important.
4. Know the importance of individual self-control and that an effective stress management program improves the quality of life.
5. Know why courtesies are rendered to the United States Flag and the National Anthem.
6. Know why it is important to be a good democratic citizen and to be familiar with the different forms of governments.
7. Know the importance of keeping yourself well and helping others stay well

Course Materials:

1. Textbook: Leadership Education I: Introduction to Air Force Junior ROTC (2005)
2. Student Workbook: Leadership Education I: Introduction to Air Force Junior ROTC (2005)
3. Excerpts from AFMAN 36-2203 6 Personnel Drill and Ceremonies
4. Selected Videos
5. Guest Speakers
6. TX-20011 Cadet Handbook

Assignments:

1. Cadets will read assigned chapters, accomplish selected chapter in the Student Workbook, which correspond to textbook chapters, and participate in oral quiz games.
2. Cadets will prepare speeches and written reports corresponding to textbook chapters and related subjects.
3. Cadets will prepare for Drill Evaluation.
4. Cadets will prepare for unannounced quizzes and announced chapter tests.
5. Cadets will adhere to uniform wear requirements by wearing the Air Force issued uniform on Wednesdays.

Grading: The Aerospace Science (AS History) portion of the course will be graded by the SASI. The Leadership Education (LE) portion will be graded by the ASI. Drill will be evaluated as part of LE by the ASI and may be evaluated by the SASI. E2C Wellness will be a stand alone grade but added to the overall grade. Cadets are required to participate in classroom activities for a portion of the grade. In addition, all cadets will be required to complete a number of community service hours during the semester for a portion of the overall grade.

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|--------------------------------------|-----|
| 1. Academic Tests                    | 20% |
| 2. Assignments                       | 10% |
| 3. Cadet Bearing/Class Participation | 10% |
| 4. Cadet Drill                       | 10% |
| 5. Community Service                 | 20% |
| 6. E2C Wellness                      | 10% |
| 7. Uniform Wear                      | 20% |

**TX-20011, AFJROTC COURSE SYLLABUS**  
**LEADERSHIP EDUCATION II: INTERCOMMUNICATION SKILLS**

Instructors: SASI, Lt Col John Parish, USAF (ret); ASI, TSgt Stutts Calice, USAF (ret)

Course Description: Leadership II covers communication skills and Cadet Corps activities. Written reports and speeches compliment academic materials. Cadet Corps activities include holding positions of greater responsibility in the planning and execution of corps projects.

Course Objectives:

1. Comprehend the concepts of effective communication.
2. Know himself or herself in relation to others and the society in which we live.
3. Comprehend how teams work to succeed in improving quality and productivity.
4. Comprehend that leadership is a very complex art that is essential to the success of the mission.

Course Materials:

1. Textbook: Leadership Education II: Communication, Awareness and Leadership (2006)
2. Student Workbook: Leadership Education II: Communication, Awareness and Leadership (2006)
3. Excerpts from AFMAN 36-2203 ó Personnel Drill and Ceremonies
4. Selected Videos
5. Guest Speakers
6. TX-20011 Cadet Handbook

Assignments:

1. Cadets will read assigned chapters, accomplish selected chapters in Student Workbook, which corresponds to textbook chapters, and participate in oral quiz games.
2. Cadets will prepare speeches and written reports corresponding to textbook chapters and related subjects.
3. Cadets will prepare for Drill Evaluation and Physical Training Evaluation.
4. Cadets will prepare for unannounced quizzes and announced chapter tests.
5. Cadets will adhere to uniform wear requirements by wearing the Air Force issued uniform on Wednesdays.

Grading: The Aerospace Science (AS History) portion of the course will be graded by the SASI. The Leadership Education (LE) portion will be graded by the ASI. Drill will be evaluated as part of LE by the ASI and may be evaluated by the SASI. E2C Wellness will be a stand alone grade but added to the overall grade. Cadets are required to participate in classroom activities for a portion of the grade. In addition, all cadets will be required to complete a number of community service hours during the semester for a portion of the overall grade.

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|--------------------------------------|-----|
| 1. Academic Tests                    | 20% |
| 2. Assignments                       | 10% |
| 3. Cadet Bearing/Class Participation | 10% |
| 4. Cadet Drill                       | 10% |
| 5. Community Service                 | 20% |
| 6. E2C Wellness                      | 10% |
| 7. Uniform Wear                      | 20% |

## TX-20011, AFJROTC COURSE SYLLABUS

### LEADERSHIP EDUCATION III: LIFE SKILLS

Instructors: SASI, Lt Col John Parish, USAF (ret); ASI, TSgt Stutts Calice, USAF (ret)

Course Description: The Leadership Education III Life Skills course will be helpful to students deciding which path to take after high school. Information on how to apply for admission to college or to a vocational or technical school is included. Information on how to begin the job search is available to students who decide not to go to college or vocational school. Available also is information about financial planning and how to save, invest, 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 understanding contracts, leases, wills, warranties, legal notices, and personal bills. Citizen responsibilities such as registering to vote, jury duty, and selective service registration will be covered also. For those students who may be moving into an apartment of their own, information is presented on apartment shopping and grocery shopping 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:

1. Comprehend the importance of obtaining a degree or skill after high school.
2. Know that a proper job search is needed to obtain employment.
3. Comprehend the importance of financial planning.
4. Comprehend the career opportunities available through the federal government, NASA, FAA, and the military.

Course Materials:

1. Textbook: Leadership Education III: Life Skills & Career Opportunities (2006)
2. Student Workbook: Leadership Education III: Life Skills & Career Opportunities (2006)
3. Excerpts from AFMAN 36-2203 6 Personnel Drill and Ceremonies
4. Selected Videos
5. Guest Speakers
6. TX-20011 Cadet Handbook

Assignments:

1. Cadets will read assigned chapters, accomplish selected chapters in Student Workbook, which correspond to textbook chapters, and participate in demonstration/participation quiz games.
2. Cadets will prepare speeches and written reports corresponding to textbook chapters and related subjects.
3. Cadets will prepare for Drill Evaluation and Physical Training Evaluation.
4. Cadets will prepare for unannounced quizzes and announced chapter tests.
5. Cadets will adhere to uniform wear requirements by wearing the Air Force issued uniform on Wednesdays.

Grading: The Aerospace Science (AS History) portion of the course will be graded by the SASI. The Leadership Education (LE) portion will be graded by the ASI. Drill will be evaluated as part of LE by the ASI and may be evaluated by the SASI. E2C Wellness will be a stand alone grade but added to the overall grade. Cadets are required to participate in classroom activities for a portion of the grade. In addition, all cadets will be required to complete a number of community service hours during the semester for a portion of the overall grade.

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|--------------------------------------|-----|
| 1. Academic Tests                    | 20% |
| 2. Assignments                       | 10% |
| 3. Cadet Bearing/Class Participation | 10% |
| 4. Cadet Drill                       | 10% |
| 5. Community Service                 | 20% |
| 6. E2C Wellness                      | 10% |
| 7. Uniform Wear                      | 20% |

## TX-20011, AFJROTC COURSE SYLLABUS

### LEADERSHIP EDUCATION IV: PRINCIPLES OF MANAGEMENT

Instructors: SASI, Lt Col John Parish, USAF (ret); ASI, TSgt Stutts Calice, USAF (ret)

Course Description: The course is a guide to understanding the fundamentals of management, managing yourself, and others. Emphasis is placed on allowing the student to see themselves as managers. Every organization, regardless of size, faces the challenge of managing operations effectively. No matter how well a manager carries out his or her job, there are always ways of doing at least part of the task more effectively. There are four building blocks of leadership considered in this text from the military and civilian perspective. Attention to these four areas will form a strong foundation for a capability to lead others ó something that can be very valuable to you for the rest of your life. The four areas are Management Techniques, Management Decisions, Management Functions, and Managing Self and Others.

Course Objectives:

1. Comprehension of the importance of management.
2. Comprehend the techniques and skills involved in making management decisions.
3. Comprehend the concepts and skills of problem solving, decision-making, and negotiating.
4. Comprehend the importance of managing yourself and others.

Course Materials:

1. Textbook: Leadership Education IV: Principals of Management (1999)
2. Student Workbook: Leadership Education IV: Principals of Management (1999)
3. Excerpts from AFMAN 36-2203 ó Personnel Drill and Ceremonies
4. Selected Videos
5. Guest Speakers
6. TX-20011 Cadet Handbook

Assignments:

1. Cadets will command the TX-20011 Corps of Cadets (Corps) using leadership and management skills previously learned in JROTC classes.
2. Cadets will demonstrate learned skills through assigned Officer and NCO positions within the Corps.
3. Cadets will read assigned chapters, accomplish selected chapters in the Student Workbook, which correspond to textbook chapters, and participate in oral quiz games.
4. Cadets will prepare speeches and written reports corresponding to textbook chapters and assigned to Officer/NCO positions.
5. Cadets will prepare for unannounced quizzes and announced tests.
6. Cadets will adhere to uniform wear requirements by wearing the Air Force issued uniform on Wednesdays.

Grading: The Aerospace Science (AS History) portion of the course will be graded by the SASI. The Leadership Education (LE) portion will be graded by the ASI. Drill will be evaluated as part of LE by the ASI and may be evaluated by the SASI. E2C Wellness will be a stand alone grade but added to the overall grade. Cadets are required to participate in classroom activities for a portion of the grade. In addition, all cadets will be required to complete a number of community service hours during the semester for a portion of the overall grade.

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|--------------------------------------|-----|
| 1. Academic Tests                    | 20% |
| 2. Assignments                       | 10% |
| 3. Cadet Bearing/Class Participation | 10% |
| 4. Cadet Drill                       | 10% |
| 5. Community Service                 | 20% |
| 6. E2C Wellness                      | 10% |
| 7. Uniform Wear                      | 20% |

## TX-20011, AFJROTC COURSE SYLLABUS

### E2C: EXTREME EXCELLENCE CHALLENGE

Instructors: SASI, Lt Col John Parish, USAF (ret); ASI, TSgt Stutts Calice, USAF (ret)

Course Description: 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. Wellness is instrumental in developing citizens of character dedicated to serving our nation and communities. Cadets will be given the opportunity to put into practice the wellness concepts that are taught in Leadership Education I. The Wellness Program is a 36-week program modifiable to meet individual goals. Personal improvement will be rewarded. The 36-week program is comprised of 19 exercises which can be conducted with minimal space and with minimal climate dependency (e.g. the 1-mile run). The exercises develop all muscle groups and provide sufficient anaerobic and aerobic intensity. They require no equipment and use only body weight and common objects (e.g. chairs).

Course Objectives: To motivate JROTC cadets to lead active, healthy lifestyles beyond program requirements and into their adult lives.

Course Materials:

1. PT Gear
2. TX-20011 Cadet Handbook

Assignments:

1. Fridays are designated E2C days.
2. Cadets will perform specific exercises or play team sports as designated by the instructor.

Grading: The Aerospace Science (AS History) portion of the course will be graded by the SASI. The Leadership Education (LE) portion will be graded by the ASI. Drill will be evaluated as part of LE by the ASI and may be evaluated by the SASI. E2C Wellness will be a stand alone grade but added to the overall grade. Cadets are required to participate in classroom activities for a portion of the grade. In addition, all cadets will be required to complete a number of community service hours during the semester for a portion of the overall grade.

1. Academic Tests	20%
2. Assignments	10%
3. Cadet Bearing/Class Participation	10%
4. Cadet Drill	10%
5. Community Service	20%
6. E2C Wellness	10%
7. Uniform Wear	20%

## TX-20011, AFJROTC COURSE SYLLABUS

### COMMUNITY SERVICE REQUIREMENTS

Instructors: SASI, Lt Col John Parish, USAF (ret); ASI, TSgt Stutts Calice, USAF (ret)

Course Description: Community activity and helping others is paramount in an organization such as JROTC. We strive to build better citizens for the nation and community. One of the ways to do this is to get cadets involved in what's going on right in their own backyard. By giving cadets an opportunity to help out in their community we hope to motivate them into a lifetime of "Service Before Self".

Course Objectives: To motivate JROTC cadets to become more involved in the activities and well being of their school, community, and state by promoting involvement in activities outside the classroom.

Course Materials:

1. Generally the AFJROTC uniform, as designated by the SASI, or the blue AFJROTC polo shirt.

Assignments:

1. Various

Grading: The Aerospace Science (AS History) portion of the course will be graded by the SASI. The Leadership Education (LE) portion will be graded by the ASI. Drill will be evaluated as part of LE by the ASI and may be evaluated by the SASI. E2C Wellness will be a stand alone grade but added to the overall grade. Cadets are required to participate in classroom activities for a portion of the grade. In addition, all cadets will be required to complete a number of community service hours during the semester for a portion of the overall grade.

1. Academic Tests	20%
2. Assignments	10%
3. Cadet Bearing/Class Participation	10%
4. Cadet Drill	10%
5. Community Service	20%
6. E2C Wellness	10%
7. Uniform Wear	20%

Community Service Grading: Cadets will be required to complete a number of community service hours during the school year. The more hours they complete the higher the grade. The grade will be computed with the total contributing to 20% of the overall AFJROTC grade. The SASI reserves the right to excuse any cadet, with a legitimate excuse, from participation in community service activities. The breakdown is as follows:

1. 18 - 20 Hours	100%
2. 15 - 17 Hours	89%
3. 12 - 14 Hours	79%
4. 9 - 11 Hours	70%
5. 6 - 8 Hours	69%
6. 1 - 5 Hours	50%
7. 0 Hours	0%