

**Murrieta Valley Unified School District**  
**High School Course Outline**  
**April 2011**

**Department:** VMHS AFJROTC

**Course Title:** Leadership Education I - AFJROTC

**Course Number:** 7965

**Grade Level(s):** 9-12

**Length of Course:** 1 year

**Prerequisite(s):** Be enrolled as a 9th grader at VMHS

**UC/CSU (A-G) Requirement:** None

**Brief Course Description:** Cadets receive general elective or one year of PE credit toward high school graduation by successfully passing AFJROTC I classes. Aerospace Science study includes the history of aviation, cultural studies of major world regions, science of flight, space exploration to include astronomy, survival and management. Through the study of history of aviation, cadets will learn about the development of flight throughout the centuries. From the science of flight, students will become acquainted with the aerospace environment, the human requirements of flight and the principles of navigation. Space exploration will equip students with the latest information available in space exploration and space science.

Through cultural studies, students will learn to see their world through many different perspectives. They will learn to explore and discover the processes that shape the Earth, the relationships between people and environments, and the links between people and places. Leadership Education offers students many opportunities to shape their character. Students will learn about character development while many character-building topics are discussed. Elements of good citizenship are instilled in students. They are introduced to the Air Force organizational structure, uniform wear, military customs and courtesies, flag etiquette, citizenship in the United States, first aid, health and wellness, fitness, individual self-control, basic drill and ceremonies, effective communications, they will learn to listen and think critically, how to prepare for leadership, how to build personal awareness, key elements of building and encouraging effective teams, key behaviors for becoming a credible and competent leader, the importance of charting a career path, specific career options, how to create a personal budget and financial plan, how to write a resume, how to interview for a job, how to apply for college, the importance of management, making decisions, and problem solving, human relations and life skills. They will learn about the defense structure of the United States and current Air Force issues.

## I. Goals

The student will:

1. Know the basic elements and requirements for national security.
2. Respect the need for constituted authority in a democratic society.
3. Understand their personal obligation to contribute to national security.
4. Demonstrate habits of orderliness and precision.
5. Demonstrate a high degree of personal honor, self-reliance, and leadership.
6. Acquire a broad-based knowledge of the aerospace age and fundamental doctrine.
7. Be able to demonstrate basic military drill skills.
8. Know the traditions and customs of the Air Force.
9. Complete high school and pursue higher educational goals or skills.
10. Know the AFJROTC mission and organization, customs and courtesies, and the meaning and purpose of standards, discipline, and conduct.
11. Comprehend why the elements of effective communication skills are important to the dynamics of individual and group behavior, and a key to effective leadership.
12. Comprehend why obtaining a degree or skill after high school is important to having a civilian or military career.
13. Know the historical roots of management, the importance of managers and management, and the characteristics of a good leader.

## II. Outline of Content for Major Areas of Study

### Aerospace Science:

200: Global and Cultural Studies

Unit One: Europe in Transition      Unit Two: The Middle East in Transition  
Unit Three: South Asia in Transition      Unit Four: East Asia in Transition  
Unit Five: Africa in Transition      Unit Six: Latin America in Transition

AS-210: The Science of Flight

Unit One: The Aerospace Environment      Unit Two: Human Requirements of Flight  
Unit Three: Principles of Aircraft Flight      Unit Four: Principles of Navigation

AS-220: Cultural Studies: An Introduction to Global Awareness

Chapter One: The Middle East      Chapter Two: Asia  
Chapter Three: Africa      Chapter Four: Russia  
Chapter Five: Latin America      Chapter Six: Europe

AS-300: The Exploration of Space

Unit One: Introduction to Space Exploration      Unit Two: Orbits and Trajectories

Unit Three: Spacecraft and Launch Vehicles	Unit Four: Mission Operations & Mgmt.
AS-310: Introduction to Astronomy	
Chapter One: History of Astronomy	Chapter Two: The Earth
Chapter Three: The Moon	Chapter Four: Survey of the Solar System
Chapter Five: The Terrestrial Planets	Chapter Six: The Outer Planets
AS-300: Exploring Space: The High Frontier	
Unit One: The Space Environment	Unit Two: Exploring Space
Unit Three: Manned and Unmanned Spaceflight	Unit Four: Space Technology
AS-420: World Geography: Building a Global Perspective	
Unit One: Physical and Human Geography	Unit Two: The United States and Canada
Unit Three: Latin America	Unit Four: Western Europe
Unit Five: Eastern Europe	Unit Six: Northern Eurasia
Unit Seven: Southwest Asia	Unit Eight: Africa
Unit Nine: South Asia	Unit Ten: East Asia & the Pacific World
<u>Leadership Education:</u>	
LE 100: Citizenship, Character, and Air Force Tradition	
Unit One: Heritage, Organization, & Traditions	Unit Two: Individual Self-Control
Unit Three: Wellness and Fitness	Unit Four: Citizenship in the United States
LE 200: Communication, Awareness, and Leadership	
Unit One: Learning, Communication, and	Unit Two: Building Personal Awareness Personal Development
Unit Three: Understanding Groups and Teams	Unit Four: Preparing for Leadership
LE 300: Life Skills and Career Opportunities	
Unit One: Mapping Your Future	Unit Two: Charting Your Financial Course
Unit Three: Aiming Toward a College Degree	Unit Four: Pursuing a Career
LE 400: Principles of Management	
Unit One: Introduction to Management	Unit Two: Planning
Unit Three: Organizing	Unit Four: Leading
LE 500: Drill and Ceremonies	
Chapter One: Intro. to Drill and Ceremonies	Chapter Two: Commands and the Command Voice

Chapter Three: Individual Instruction

Chapter Five: Drill of the Squadron

Chapter Seven: Ceremonies

Chapter Four: Drill of the  
Flight

Chapter Six: Group and Wing  
Formations

Wellness:

The 19 exercises are:

V-Sit Reach  
Lunges  
Bent-Knee Push-ups  
Arm Extended Lunges  
Feet Elevated Push-ups  
Reverse Extended Lunges  
Hindu Push-ups  
Mountain Climbers  
Plank  
Hindu Squats  
Left Arm and Right Arm Planks  
Body Builders  
Sit-Ups  
Squat Leaps  
Extended Side Push-ups  
Side Lateral Jumps  
Flutter Kicks  
One-Mile Run  
Push-ups

**III. Accountability Determinants**

- A. Key Assignments
  - 1. Semester drill and ceremony Inspections
  - 2. State physical fitness test
  - 3. Presidential Physical Fitness Test
  - 4. Semester final
  - 5. Weekly Quizzes
  - 6. Weekly Uniform Inspections
  
- B. Assessment Methods
  - 1. Quizzes
  - 2. Tests (end of each semester)
  - 3. Drill performance evaluations
  - 4. Youth Physical Fitness Test (one per semester)

#### **IV. Instructional Materials and Methodologies**

A. Required Textbook(s):

1. Leadership Education I: Introduction to AFROTC
2. Leadership Education II: Communications, Awareness, and Leadership
3. Leadership Education III: Life Skills and Career Opportunities
4. Leadership Education IV: Principles of Leadership
5. Aerospace Science I: A Journey into Aviation History
6. Aerospace Science II: The Science of Flight
7. Aerospace Science III: Global and Cultural Studies
8. Aerospace Science IV: The Exploration of Space
9. AFJROTC Drill and Ceremonies

B. Supplementary Materials:

Students must keep a notebook for homework assignments, class work and information sheets/letters distributed by instructors and key corps staff members

C. Instructional Methodologies:

1. Computer
2. Television
3. PowerPoint
4. Presentations
5. Small Group
6. Discussions
7. Demonstrations
8. Handouts
9. Videos
10. Lecture
11. Guided Discussion
12. Teaching Interview
13. Case Study
14. Demonstration-Performance