

Murrieta Valley Unified School District
High School Course Outline
April 2011

Department: VMHS AFJROTC

Course Title: Leadership Education III – AFJROTC

Course Number: 7967

Grade Level(s): 11-12

Length of Course: 1 year

Prerequisite(s): Successfully complete Leadership Education II - AFJROTC

UC/CSU (A-G) Requirement: None

Brief Course Description: Cadets receive credit toward high school graduation by successfully passing AFJROTC 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. 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, Advanced 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

- A. Develop leadership and build character.

- B. Create informed, patriotic, and responsible citizens.
- C. Develop responsible young adults who are physically, mentally, and morally fit.
- D. Develop informed and civic-minded young adults prepared for higher education, civilian careers and public service.
- E. Instill discipline, respect, and responsibility through military-related subjects and activities.

II. Outline of Content for Major Areas of Study

Aerospace Science:

AS-300: The Exploration of Space

Unit One: Introduction to Space Exploration

Unit Three: Spacecraft and Launch Vehicles

Unit Two: Orbits and Trajectories

Unit Four: Mission Operations & Mgmt.

AS-310: Introduction to Astronomy

Chapter One: History of Astronomy

Chapter Three: The Moon

Chapter Five: The Terrestrial Planets

Chapter Two: The Earth

Chapter Four: Survey of the Solar System

Chapter Six: The Outer Planets

AS-300: Exploring Space: The High Frontier

Unit One: The Space Environment

Unit Three: Manned and Unmanned Spaceflight

Unit Two: Exploring Space

Unit Four: Space Technology

AS-420: World Geography: Building a Global Perspective

Unit One: Physical and Human Geography

Unit Three: Latin America

Unit Five: Eastern Europe

Unit Seven: Southwest Asia

Unit Nine: South Asia

Unit Two: The United States and Canada

Unit Four: Western Europe

Unit Six: Northern Eurasia

Unit Eight: Africa

Unit Ten: East Asia & the Pacific World

Leadership education:

LE 300: Life Skills and Career Opportunities

Unit One: Mapping Your Future

Unit Three: Aiming Toward a College Degree

Unit Two: Charting Your Financial Course

Unit Four: Pursuing a Career

LE 400: Principles of Management

Unit One: Introduction to Management

Unit Three: Organizing

Unit Two: Planning

Unit Four: Leading

LE 500: Drill and Ceremonies

Chapter One: Intro. To Drill and Ceremonies

Chapter Three: Individual Instruction

Chapter Five: Drill of the Squadron

Chapter Seven: Ceremonies

Chapter Two: Commands
and the Command Voice

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. Semester final
3. Weekly Quizzes
4. Weekly Uniform Inspections

B. Assessment Methods

1. Quizzes

2. Tests (end of each semester)
3. Drill performance evaluations

IV. Instructional Materials and Methodologies

A. Required Textbook(s):

1. Leadership Education III: Life Skills and Career Opportunities
2. Leadership Education IV: Principles of Leadership
3. Aerospace Science III: Global and Cultural Studies
4. Aerospace Science IV: The Exploration of Space
5. 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