

Spring Valley High School

SC-064 Aerospace Science IV Leadership Course Syllabus (AS-400/LE-400) 1 CP

Instructors:

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Credits:

One Elective Credit

Textbook(s):

- 1) **Leadership Education 400:** Fundamentals of Management, 1st Edition
 - Unit 1: Introduction to Management
 - Unit 2: Planning
 - Unit 3: Organizing
 - Unit 4: Leading
- 2) **Aerospace Science:** Survival: Survive and Return, 2010
 - Unit 1: The Elements of Surviving
 - Unit 2: Personal Protection
 - Unit 3: Necessities to Maintain Life
 - Unit 4: Orientation and Traveling
- 3) **Drill and Ceremonies:** DAFPAM 34-1203, 2022
- 4) **SC-064 AFJROTC Handbook** 2026/27

Course Description:

1) **Aerospace Science – AS400 Survival: Survive and Return**

This course is a review of the basic survival information found in military Survival Training courses. The Survival instruction will provide training in skills, knowledge and military attitudes necessary to successfully Perform fundamental tasks needed for survival. The course also presents “good to know” information that Would be useful in any situation. The information is just as useful to an individual lost hunting or stranded in an emergency situation. Students will learn how to apply basic medicine procedures, clothing and how shelter can prove critical in a survival situation.

2) **Leadership Education – LE400 Principles of Management**

The purpose of this leadership education course is to provide exposure to the fundamentals of management. Included will be ethical dilemmas, case studies, and role play activities based on real life experiences that will allow students the opportunity to practice what they learn by getting involved in discussions and expressing their opinions.

3) **Cadet Health and Wellness Program –Physical training (PT)**

PT will be accomplished every Friday unless otherwise directed. Cadets will be issued PT clothes to include: sweat pants, sweat shirt, shorts and a shirt and will be required to wear some combination of PT clothes with athletic shoes every Friday. Cadets will be guided through active stretching, calisthenics and sporting events. They will also be evaluated by completing the Presidents Physical Fitness test at the beginning and end of the school year.

Course Objectives:

- 1) The objectives of AFJROTC are to educate and train students in citizenship and life skills; promote community service; instill a sense of responsibility; and develop character and self-discipline through education and instruction in air and space fundamentals and the Air Force's core values of "Integrity First, Service before Self, and Excellence In All We Do."

A. AS400 (40%):

1. Apply theories and techniques learned in previous leadership courses
2. Analyze how to develop leadership and management competency through participation
3. Analyze strengthened organizational skills through active incorporation
4. Evaluate how to develop confidence in ability by exercising decision-making skills

5. Evaluate Air Force standards, discipline, and conduct

B. LE400 (40%):

1. Know the history and importance of management
2. Know the techniques and skills involved in planning and decision making
3. Know the importance of managing change, stress, and innovation
4. Know the key elements of individual/group behavior, communication process, and the characteristics of a good leader.

C. Physical Fitness (20%):

1. Motivate AFJROTC cadets to lead active, healthy lifestyles beyond program requirements and into their adult lives.
2. Know different ways to live a healthy lifestyle through proper nutrition and physical activity.
3. Know the effect of drug and alcohol abuse on the body
4. Create an individualized training program based on national standards by age and gender
5. Identify areas of improvement for each cadet
6. Incorporate a physical training program to reach active, healthy lifestyle goals

Additional Classroom Resources/Materials:

Students will be required to have pencils, pens, and a notebook to maintain notes from lectures, field trips, and in-class (TPS, CPS, Power Point) presentations.

Uniform Day:

Cadets will normally wear the AFJROTC uniform every Wednesday or whenever directed by the Senior Aerospace Science Instructor (SASI) MSgt Cribb. The schedule for which uniform combination to be worn will be posted at the beginning of the school year. It is **MANDATORY** that all cadets wear the uniform. Disrespectful/Improper wear of the uniform or not wearing the uniform to all classes may result in an inspection score of 10 or other administrative action to include suspension, probation or transfer from the SVHS AFJROTC Program. (refer to the Cadet Handbook for further guidance).). **HABITUAL NON-WEAR OF THE UNIFORM AND FAILURE TO MAINTAIN STANDARDS WILL RESULT IN A FAILING GRADE AND DISMISSAL FROM THE PROGRAM**

Grading Procedures:

- 1). Grades are a combination of uniform inspections, physical fitness, drill/projects/participation (to include conduct and behavior, homework, and tests.
- 2). **Grades percentages**

a. Exams/Quizzes	25%
b. Assignments/Homework	5%
c. Uniform	45%
d. Drill/Projects/Participation	5%
e. Physical Training	20%
- 3). **Grade Make-up Policy:**
 - a. It is the student's responsibility to find out what work was missed due to class absence. This may be done via contacting the instructor or looking at your **Power School** account.
 - b. Course work is to be turned in on the day it is due. Late work may have up to 50% of the possible points deducted or be counted as a zero.
 - c. For every day you are sick or have an excused absence, you will have one extra day to turn in your work without it being considered late. Unexcused absences will have no extra days allowed for makeup without the work being considered late.

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- d. Excused absences on PT days will not be made up and will count as 'Exempt' in ***Power School*** which does not count for/against a cadet. All other work/exams must be made up.

4). Grading Scale (District)

- a. A (90-100%)
- b. B (80-89%)
- c. C (70-79%)
- d. D (60-69%)
- e. F (Below 60%)

1st Semester

LE 400: Principles of Management

AS 400: Survival

LE 400:

Chapter 1 Lesson 1
Chapter 1 Lesson 2
Chapter 2 Lesson 1
Chapter 2 Lesson 2
Chapter 3 Lesson 1
Chapter 3 Lesson 2

AS 400:

Unit 1 Chapters 1-5
Unit 2 Chapters 1-5

2nd Semester

LE 400: Principles of Management

AS 400: Survival

LE 400:

Chapter 4 Lesson 1
Chapter 4 Lesson 2
Chapter 5 Lesson 1
Chapter 5 Lesson 2
Chapter 7 Lesson 1
Chapter 7 Lesson 2

AS 400:

Unit 3 Chapters 1-5
Unit 4 Chapters 1-5

EXPECTATIONS FOR CADETS

1. Follow the chain of command (i.e. cadet-element leader - assist. Flt/CC – Flt/CC – Ops/CC – Sqd/CC Group/CC – ASI – SASI). DO NOT GO DIRECTLY TO THE CADET GROUP/CC WITHOUT YOUR FLT/CC WITH YOU.
2. Always use the titles sir/ma'am when addressing AFJROTC staff and senior ranking cadets.
3. Be on time. Don't be late to class, scheduled events, practices, etc.
4. Always bring your required items to class (notebook, pen/pencil, textbook, etc).
5. Wear the correct uniform on the appropriate day.
6. Place personal belongings at the back of the room – nothing in the aisle or at your desk to start class.
7. Raise your hand and wait to be acknowledged; do not talk without permission.
8. Listen respectfully and attentively to the speaker/presenter or fellow cadets when they are speaking.
9. Treat others with mutual respect. Profanity, vulgar language, racial or ethnic slurs, derogatory comments, sexual harassment, or harassment of any fellow cadet or student will not be tolerated.
10. Remain in your seat unless given permission to move about the room
11. Remain professional; do not sit on desks, tables, trash cans, etc.
12. Unauthorized personnel are not allowed in the staff offices.
13. Always use the trash can to dispose of trash. If you see trash on the floor, clean it up.
14. No eating, drinking and ABSOLUTELY no CHEWING GUM in the classroom.
15. Wearing hats or sunglasses indoors is prohibited.
16. Maintain loyalty to the Corps, school, and your values.
17. No horseplay in the AFJROTC areas.
18. Maintain self-control and your self-respect at all times.
19. Do not disrespect instructors, higher-ranking cadet officers and NCOs

Modes of Parental Communication:

Telephone calls, conferences, Open House, AFJROTC orientation and quarterly ROTC newsletters and E-mail.

Opportunity for Extra Help:

Tutoring is offered through the JROTC Kitty Hawk Air Society tutoring program.