

AFJROTC Curriculum Four-Year Program

The AFJROTC program is a four-year program for high school students. Each class contains two components, Aerospace Science and Leadership Education. Drill and Ceremonies is taught as a part of the LE component of each class and/or as after school extracurricular activity. We may also elect to teach a stand-alone Drill and Ceremonies class or teach Drill Team as a separate class from their AFJROTC classes; cadets participating in these extra classes must also be concurrently enrolled in an Aerospace Science/Leadership Education class, the extra classes must be recognized for graduation credit by the host school, only AFJROTC cadets may be enrolled, and these classes must not detract from the effectiveness of the overall AFJROTC program. Drill-only classes will not count toward award of the JROTC Completion Certificate.

AEROSPACE SCIENCE

AS-100: A Journey into Aviation History

- **Unit One:** Imagining Flight
- **Unit Two:** Exploring Flight
- **Unit Three:** Developing Flight
- **Unit Four:** Extending Flight

AS-110: Frontiers of Aviation History

- **Unit One:** The Heritage of Flight
- **Unit Two:** Development of Air Power
- **Unit Three:** Toward Military Aerospace
- **Unit Four:** Contemporary Aviation

AS-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-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-400: Management of the Cadet Corps

AS-410: Survival

- **Unit One:** The Elements of Surviving
- **Unit Two:** Personal Protection
- **Unit Three:** Necessities to Maintain Life
- **Unit Four:** Orientation and Traveling

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

AS-430: Policy and Organization

- **Chapter One:** National Security
- **Chapter Three:** Defense Structure of the US
- **Chapter Five:** Air Force Issues
- **Chapter Two:** Military History Perspective
- **Chapter Four:** United States Air Force

AS-440: Aerospace Science: Laboratory Manual

- **Section I:** AS: The Science of Flight
- **Section II:** AS: The Exploration of Space

AS-500: Aviation Honors Ground School

LEADERSHIP EDUCATION

LE 100: Citizenship, Character, and Air Force Tradition

- **Unit One:** Heritage, Organization, & Traditions
- **Unit Three:** Wellness and Fitness
- **Unit Two:** Individual Self-Control
- **Unit Four:** Citizenship in the United States

LE 200: Communication, Awareness, and Leadership

- **Unit One:** Learning, Communication, and Personal Development
- **Unit Three:** Understanding Groups and Teams
- **Unit Two:** Building Personal Awareness
- **Unit Four:** Preparing for Leadership

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:** Management Techniques
- **Unit Three:** Management Functions
- **Unit Two:** Management Decisions
- **Unit Four:** Managing Self and Others

*****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