



Cadet Name _____

Flight _____

MA-771- Lowell High School
Air Force Junior ROTC Course Syllabus Third Year (AS III) – 2018-2019

The Air Force Junior ROTC curriculum has three components, Aerospace Science (AS), Leadership Education (LE) and Wellness (PT). Each component has its own textbooks and runs for the entire school year. Cadets earn 2.5 credits each semester for taking both components.

Aerospace Science III

Instructor's Name: Lt Col Ironfield, CMSgt Kimball, MSgt Casilli, and TSgt Smith

Required Text: *Cultural Studies, An Introduction to Global Awareness, Student Workbook*

Introduction: What is Global Awareness?

Chapter 1: The Middle East

Chapter 2: Asia

Chapter 3: Africa

Course Description:

Global and Cultural Studies 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. The regional areas included in this course are the Middle East, Asia, and Africa. Additionally, students continue their Aerospace Science education with a review of issues related to flight and the human body including human physiology and aircrew protective equipment and training.

The course objectives are:

1. Know how historical, geographic, religious, and ethnic factors have shaped the six major regions of the world.
2. Know how economic, political, and social factors impact cultures.
3. Know how environmental resources influence global economic development.
4. Know how population density, famine, war, and immigration influence the world.
5. Know how the economic systems of communism and capitalism have shaped the six major regions of the world.
6. Comprehend how cultural perspectives of time, space, context, authority, interpersonal relationships, and orientation to community affect interactions among people.
7. Know the four zones of the flight environment and the physical laws of gases according to Boyle's, Dalton's and Henry's law
8. Know the effects on the human body of reduced pressure at high altitude.
9. Know the protective equipment used by pilots and astronauts, and the function and use of flight simulators.

Leadership Education III

Instructor's Name: Lt Col Ironfield, CMSgt Kimball, MSgt Casilli, and TSgt Smith

Required Texts: *Leadership Education 300: Life Skills and Career Opportunities*

Chapter 3: Career Opportunities

Chapter 4: Aim Towards a College Degree

Chapter 5: Charting Your Course

Chapter 6: Applying for Jobs

Chapter 7: Working for the Federal Government

Chapter 8: Developing Your Career Skills

Course Description:

The Leadership Education portion of the curriculum focuses upon aiding students in 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. There is information on how to prepare a résumé and the importance of good interviewing 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.

The course objectives are:

1. Know the requirements for applying to a college or university.
2. Know the essential process for researching and pursuing a career.
3. Know the opportunities the Military offers and working for the Federal Government
3. Know and understand the Lowell High School Core Values: Responsibility, Integrity, Determination, Engagement, and Respect (RIDER).

Wellness and Physical Fitness

1. Motivate AFJROTC cadets to lead active, healthy lifestyles beyond program requirements and into their adult lives.
2. Create an individualized training program based on national standards by age and gender.
3. Identify areas of improvements for each cadet.
4. Incorporate a physical training program to reach goals.

Drill and Ceremonies

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 appearance.
3. Know the responsibilities and duties of cadets during flag raising and retreat ceremonies.
4. Know the sequence of events for formal parade procedures and change of command ceremonies.

JROTC Dress Requirements:

Uniform Day: (Thursday for all students)

PT Day: Lt Col Ironfield (Monday), MSgt Casilli (Tuesday), TSgt Smith (Wednesday), CMSgt Kimball (Friday)

Course Evaluation:

Common Assessment	20%
PT	20%
Uniform inspections	20%
Quizzes/Homework	15%
Attitude/Participation	10%
Community Service	15%

Category	Weight Range	Examples of Assignments
Formative Classwork	no higher than 40%	Classroom produced work group/team involvement
Formative Homework	0-20%	homework/study sheets
Formative Quizzes	10-25%	leadership/Aerospace Science quizzes/Drill Evaluations
Summative Assessments (Projects, papers, presentations, tests)	no higher than 40%	Formal Projects Oral presentations Common Assessments Final Assessments

NOTE: Cadets are required to maintain JROTC standards, both while in and out of school. If a cadet is unable to maintain standards and brings discredit to Lowell's JROTC program, **they may be removed from Lowell High School's JROTC program AT ANY TIME,** at the discretion of the Senior Aerospace Science Instructor (Lt Col Ironfield) and the House/Headmaster.

Air Force Junior Reserve Officer Training Corps

ROOM MANAGEMENT PLAN

2018 -2019

LHS Mission

Commitment to excellence in everything we do:
Academics, Activities and Citizenship.

To: All AFJROTC Cadets

Date: 27 August 2018

AFJROTC Mission

To educate and train high school students in citizenship; promote community service; instill responsibility; character and self-discipline; and provide instruction in Air and Space fundamentals

I. Attendance

Attendance will be taken at the beginning of each class period by the flight commander or a designated representative. Attendance will be recorded in the SASI's or ASIs' record book and also recorded in X2 each period. Any cadet who has (8) eight absences in a semester (1/2 year) will receive a grade of "U" (unsatisfactory) and will not receive credit for the course. If the grade is not released after the third day of the semester's end the U Grade reverts to NO CREDIT (NC). The cadet will be counseled after the 4th absence, and the appropriate housemaster will be notified.

II. Tardiness

Cadets are expected to arrive to class on time, cadets who arrive after the signal designating the start of the period/mod will be recorded as tardy. Neither a tardy nor an absence will be recorded if the cadet has obtained an acceptable note of explanation from the previous period/mod teacher. A student with an unexcused tardy to class of more than 10 minutes will be marked absent.

III. Discipline

No food, beverages (except water bottle) or gum chewing is allowed in the classroom unless approved in advance by the instructor. Students are expected to pay attention to the instructor and remain awake and alert. The flight commander, flight sergeant and element leaders are responsible for enforcing classroom discipline prior to class reporting. In case of misconduct: first offense -verbal warning; second offense – written counseling; third offense – students will see the instructor for possible further disciplinary action.

IV. Academic areas:

- a. The various AFJROTC courses are described in the school catalogue, the AFJROTC curriculum and in the textbooks for the individual courses.
- b. Tests will be announced in advance in Leadership and Aerospace Science and a comprehensive assessment will be given at the end of each quarter. Uniform wear is unique to AFJROTC and is graded weekly as a quiz. Failure to wear the uniform, unless cleared by AFJROTC instructors, will result in a grade of zero (0) in uniform wear for the week. Uniform wear missed may be made up at the discretion of the instructor, if the uniform grade is made up or excused the grade will be upgraded to 100%, if the uniform grade is not made up on the designated date, the uniform grade for that week will become a zero. Students that fail to wear the uniform three (3) times during any grading period (unless excused by the instructor) may be removed from Lowell High School JROTC program.
- c. Homework will be assigned throughout the course and must be turned in by the deadline announced. Failure to turn in an assignment will result in a grade of zero (0).
- d. In the case of excused absence, the instructor may allow the cadet to make up the homework. The student must contact and get the make-up assignments from the SASI/ASI within 4 days after returning to school.
- e. The AFJROTC grade is a composite grade made up of the following: Aerospace Science, Leadership Education, uniform wear, attitude, community service and physical training.
- f. Any cadet requiring extra help should contact the instructor, element leader, flight sergeant, or flight commander to obtain assistance. Every effort will be made to provide the help required through the AFJROTC tutoring program.

I have read and understand the requirements in the course syllabus and room management

CADET NAME (Print) _____

CADET NAME (SIGN) _____

CADET'S PARENT/GUARDIAN (PRINT) _____

CADET'S PARENT/GUARDIAN (SIGN) _____

DATE _____