



AIR FORCE JROTC WA-20201 2024-25 SY COURSE SYLLABUS



COURSE NAME: Milestones in Aviation History - Aerospace Science 1, Air Force JROTC

The Mission of Air Force JROTC is to develop citizens of character. MLHS Air Force JROTC instructors accomplish this mission with the assistance of Cadet Corps leadership by providing leadership and development opportunities for all students. Air Force Junior ROTC class academics focus on Aerospace and Leadership Education.

CREDIT HOURS: Full-Year - .5 History Elective & .5 PE; Partial Year - .5 Elective Credit

INSTRUCTOR NAMES: Major Barnett and Major Phipps

Office Hours & Instructor Contact Information

- Our standard office hours are 0730 – 1530 hours and we are located in Portable 12. We have an open-door policy and you can come by and discuss anything you need if we are available. Instructors will make an appointment with you if they are not immediately available to address your concern.
- Major Barnett: jbarnett@mlsd161.org; 509-766-2666 ext. 41811
- Major Phipps: wphipps@mlsd161.org; 509-766-2666 ext. 40811

REQUIRED TEXT AND MATERIALS:

-All texts are provided to cadets electronically and/or hard copy (by request).

-**Aerospace Science 100: Milestones in Aviation History Chapters 2, 3, 5**

-**Leadership Education 100: Traditions, Wellness, and Foundations of Citizenship Chapters 1, 2, 5**

-**Drill & Fitness: 30-Step Command Drill Sequence, Weekly Fitness Plans**

COURSE DESCRIPTION: The course consists of three components: Aerospace Science (40%), Leadership Education (40%), and Wellness/Physical Fitness (20%).

Aerospace Science 100, Milestones in Aviation History Chapters 2, 3, 5 The intent of this course is to bring alive the significant discoveries in flight and tell the story of why we are so proud of our Air Force heritage. This aviation history course focuses on the development of flight throughout the centuries. The course starts with developments in aerospace through time, then the evolution of the early Air Force and concluding with the birth of the U.S. Air Force to its current state.

Leadership Education 100: Traditions, Wellness, and Foundations of Citizenship Chapters 1, 2, 5 introduces students to the Air Force Junior Reserve Officer Training Corps (AFJROTC) program, while instilling elements of good citizenship, develops informed citizens; strengthens and develops character; develops study habits and time management; wear of the Air Force uniform; and Air Force customs, courtesies and drill are introduced.

Wellness/Physical Fitness incorporates the Cadet Health and Wellness Program (CHWP). The CHWP is an exercise program focused upon individual baseline improvements with the goal of

achieving their highest fitness performance by the end of the school year calculated using AFJROTC age and gender standards. The goal of the CHWP is to motivate JROTC cadets to live active, healthy lifestyles beyond program requirements and into their adult lives, and how healthy lifestyles contribute to the productivity of our nation. Cadets will be given the opportunity to put into practice the wellness concepts that are taught in Leadership. Students are required to wear appropriate fitness attire on Fridays. Appropriate fitness attire includes: modest shorts/exercise pants, sports/support bra, t-shirt, socks, athletic shoes, and appropriate clothes for the elements if exercising outdoors. Students who do not have appropriate fitness attire will be issued the Air Force JROTC Physical Training Gear (blue shorts, gray t-shirt, sweatpants and sweatshirt); athletic shoes must be worn on Fitness Fridays.

COURSE OBJECTIVES AND GOALS:

Milestones in Aviation History:

1. Analyze the impact World War I aviation had on commercial aviation.
2. Examine the role aerial bombing had on the outcome of World War II.
3. Analyze the lessons learned from global use of US airpower.
4. Evaluate developing technology that will affect the US Air Force of the future.

Leadership Education/Drill and Ceremonies:

1. Analyze the heritage, organization, and tradition of service programs.
2. Analyze the benefits of positive personal behavior.
3. Evaluate healthy living through physical activity and good nutrition.
4. Analyze the importance of citizenship in the United States.
5. Analyze the foundation for an effective team.
6. Apply effective problem-solving and consensus-building methods.
7. Analyze the Air Force leadership model.
8. Evaluate effective leadership and followership.
9. Know the importance of AFJROTC history, mission, purpose, goals, and objectives.
10. Know military traditions and the importance of maintaining a high standard of dress & appearance.
11. Know the importance of attitude, discipline, respect, and why values and ethics are so important.
12. Know the importance of individual self-control, common courtesies and etiquette.
13. Know that an effective stress management program improves the quality of life.
14. Know why courtesies are rendered to the United States flag and the National Anthem.
15. Know why it is important to be a good democratic citizen and to be familiar with the different forms of governments.
16. Know the importance of keeping yourself well and helping others stay well.
17. Know the importance of drill and ceremonies.
18. Know basic commands and characteristics of command voice.
19. Apply and execute the concepts and principles of basic drill positions and movements.
20. Know when and how to salute.

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.

UNIFORM DAY (Thursday): First year opt-in students and 2nd-4th year students will wear the Air Force JROTC uniform weekly (Thursday), or as the schedule dictates. First year opt-out students will wear Professional Citizen Attire (PCA). On designated Uniform Days, uniforms will be worn the entire school day. Cadets will change out of uniform for a class if the class requires it, there is a reasonable safety, function of wear, or a risk that the uniform could be damaged or soiled (e.g. PE, Shop, Science, etc.). However, cadets are required to change back into uniform following completion of that class period. If a student has a scheduled absence or event on uniform day (Excused absence, athletic team jersey wear, etc), they can pre-arrange a uniform make-up day with instructors. Unexcused missed uniform day cannot be made up. Students must be in appearance standards on all uniform days - to include the PCA.

ATTENDANCE

- Tardies: Be on-time to class. One point will be deducted from weekly Employability Skills for unexcused tardies. Consistent tardiness will result in further disciplinary action.
- Absences: Life happens and sometimes we can't make it to work/class due to various valid reasons. Each absence results in a two point deduction from weekly Employability Skills
 - Points for unexcused absences cannot be earned back.
 - Points for excused absences can be earned back.
 - To earn points back for excused absences, students must:
 - 1) notify instructors in advance (if the absence is scheduled) of their absence via email/Parent Square requesting the lesson learning objectives for the day. For illness/extenuating circumstances, the student or parent/guardian can notify instructors as soon as reasonably possible. Their notification should request the lesson learning objectives for the day
 - 2) provide instructors notes on the lesson learning objectives upon their return to class.

Grades and Evaluation

- Grades are broken down into the following categories:

<u>Category</u>	<u>Weight</u>
ACADEMICS	50%
PARTICIPATION (Dress\Appearance, Drill, PT, Employability Skills)	50%

Academics: 50%

- Academics consist of any graded academic (Aerospace Education/Leadership Education) assignment, project or assessment. For failing grades or unmet standards, cadets are given feedback on their performance vs. the lesson objectives and given opportunities to retake the assignment/assessment to demonstrate their understanding of the lesson objectives. A cadet must complete all academic assignments before they can take the related assessment.
- Late/Missing Assignments: There is no academic point penalty for excused late assignments. Missing assignments are recorded as 'zero & Missing' in Skyward until the assignment is turned-in.
 - Being on-time is an expected behavior in the workforce.

- Unexcused late work is penalized one point per day from the weekly ‘Employability Skills’ grade (21st Century Skills), not the academic grade.
 - Previous quarter assignments will not be accepted for credit once a new quarter starts.
- Assessments: Exams/projects will be based on learning objectives covered in the Aerospace/Leadership Education textbooks and Air Force Junior ROTC Cadet Handbook. These assessments may be multiple choice, matching, short essay, performance-based, presentations, projects or fill in the blank type questions. Any missed assessments must be made up; time and location will be determined as required.
 - Previous quarter assessments will not be accepted for credit once a new quarter starts.

Participation: 50%

- Uniforms, Dress and Appearance:
 - Cadets are required to wear the prescribed uniform on scheduled days. These uniforms are the blue Air Force uniform (“Blues”), the ABU Utility uniform, Professional Civilian Attire (PCA, Black unit polo), and appropriate fitness attire.
 - Uniform days are typically Thursday (Blues, ABU, PCA) and Friday (Fitness); uniform days are posted on the weekly schedule and briefed on the first day of the week.
 - Students will lose points from their Weekly Employability Skills if they do not wear the proper attire on the scheduled day
 - Maintenance and care of Air Force JROTC uniforms is the student’s responsibility
 - Students must contact JROTC instructors if care/cleaning will create a financial hardship
 - First year Air Force JROTC students have the option to opt-out of wearing Air Force JROTC uniforms ‘Uniform Day’
 - Opt-Out students must sign a memorandum indicating they are choosing to opt-out of wearing Air Force JROTC uniforms.
 - If an opt-out student wishes to participate in extracurricular activities that require the wear of an Air Force JROTC uniform (Color Guard, JROTC Competitions, etc.), they must then ‘Opt-In’ to wearing Air Force JROTC uniforms and meeting appearance (hair, make-up, etc.) standards.
 - On ‘Uniform Day’, in lieu of Air Force uniform and grooming standards, opt-out students will:
 - Wear the Professional Citizen Attire as specified in the Cadet Handbook
 - Grooming/Appearance will be clean and professional in appearance, and outlined in the Cadet Handbook
 - Opt-In & 2nd-4th year Cadets: Cadets will wear an Air Force JROTC uniform at least one day a week; the uniform of the day will be posted on the weekly schedule. Cadets are expected to wear the uniform correctly the entire school day. Cadets may only change out of their uniform if the uniform is not functional/safe for the class (Example: PE, shop, etc.) or there is a chance the uniform could become damaged or soiled (Example: Shop class). Cadets must change back into their uniform once the class is finished. There will be approximately 30 mandatory and graded uniform days during the school year. Make-up day for excused uniform day absences will be the next school day that the cadet is able to attend class.

- Appearance: Proper grooming and correct uniform wear is a graded part of the course. On uniform days, opt-in & 2nd-4th year cadets are required to maintain Air Force JROTC dress and appearance standards prescribed in Department of the Air Force Instruction 36-2903 (DAFI 36-2903) and Air Force JROTC dress and appearance regulations found in the Cadet Handbook. First year opt-out students must maintain a 'clean and workplace appropriate' appearance on uniform day as outlined in the Cadet Handbook.
- Consistent failure to wear the uniform and/or maintain grooming standards will result in failure of the course and disenrollment from AFJROTC. Uniforms are property of the Air Force. Failure to turn in uniforms by the end of the academic term or separation from the program will result in an "I" Incomplete grade and a fine placed on the student's account (Approximately \$275). Fines are assessed to student accounts for accountable uniform items not turned in. Weekly uniform inspections are 30 points.
- Failure to make up a missed uniform inspection within two days upon return to school after the missed inspection will result in a "0" grade for that uniform inspection.
 - Failure to wear the uniform three or more times during the semester may result in removal from AFJROTC.
- Cadet Activities: Cadets must be active participants in completing academic obligations and in unit activities (Drill, PT, Community Service, Cadet programs); Cadets may also seek opportunities to participate in other unit programs and extracurricular activities.
- Behavior - Employability Skills
 - Air Force JROTC is a standards-based academic and behavior program
 - Proper customs and courtesies, promptness in attendance and assignment turn-in are expected of all cadets.
 - Students will begin each week with 10 Employability Skills points
 - Employability Skills points do not carry over to other weeks; students will not end a week with negative Employability Skills points
 - Students lose points for late assignments, tardiness, lapses in customs and courtesies, failure to follow classroom expectations, lack of participation, and any other unprofessional conduct deemed by the SASI or ASI.

Grading Scale

<u>Grade:</u>	<u>Percentage Required</u>
A	90% and above
B	80% - 89.9%
C	70% - 79.9%
D	60% - 69.9%
F	Less than 60%

Disenrollment: Cadet Handbook

- Enrollment in Air Force JROTC is voluntary and all parents & cadets agree to abide by program rules.
- A Cadet may be considered for disenrollment from the Cadet Corps for demonstrated lack of desire, willingness, or stability to perform in accordance with the high standards expected of a Moses Lake AFJROTC Cadet.
 - Normal leadership documentation tools will be used to document violations and corrective courses of action (Verbal counseling, written counseling, parent conference).
 - Parents, counselors, and school administration will be in the communication loop for all adverse actions.
- The Senior Aerospace Science Instructor maintains disenrollment discretion.

Cell Phone\Electronic Devices

- Cell phone use in class is prohibited unless used for an instructor directed activity
 - Cell phones must be turned-off or put on 'silent mode', and put away in the classroom cell phone box when students enter the classroom
- All other electronic devices (Ex: earbuds, iPods, headphones, or similar devices, etc.) must be turned-off and put away off of the student's body when students enter the classroom

Food and Drink

- Food during class time is allowed at instructor discretion. If food is permitted, it must not be distracting to the learning environment
- Water is permitted at desks in containers with a lid; non-water products can be stored on the countertop at the back of the classroom