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| ***AIR FORCE JUNIOR ROTC (PA-951)******COURSE SYLLABUS******SY 2018-2019*** |

**COURSE NAME: Air Force Junior Reserve Officer Training Corps**

The *Mission* of the Air Force Junior Reserve Officer Training Corps (AFJROTC) is to develop citizens of character dedicated to serving their nation and community.

**INSTRUCTOR**: James C. “Jake” Porter, Lt Col, USAF (Ret.)

**PHONE:** 610-970-6700 extension 82330 **EMAIL**: jporter@pottstownk12.org

**CLASS LOCATION:** Pottstown High School – Room 242

**REQUIRED TEXT AND MATERIALS**:

Leadership Education 100: Traditions, Wellness, and Foundations of Citizenhip textbook

Unit 1- 5

Aerospace Science 300, Exploring Space – The High Frontier textbook

 Unit 1 - 4

Air Force Instruction 36-2203 Drill and Ceremonies along with supplemental DVDs and guides.

PA-951 AFJROTC Cadet Guide 2018-2019

**CREDIT HOURS:** 1 Elective Credit for the entire year (must complete both semesters)

**COURSE DESCRIPTION:** TheAFJROTC class at PHS is a blended classroom consisting of first through fourth year cadets. The course consists of three components: Leadership Education (40%), Aerospace Science (40%), and Wellness/Physical Fitness (20%). **Leadership Education 100: Traditions, Wellness, and Foundations of Citizenship** will introduce cadets to history, organization, mission, traditions, goals, and objectives of JROTC for all services. It introduces key military customs and courtesies, how to project a positive attitude, and exam the principles of ethical and moral behavior. It provides strategies for effective note taking and study skills for academic success. Lessons will cover how to be emotionally, mentally, and physically healthy. Avoiding and preventing violence in today’s society will also be covered. How to recognize types of bullying and how to advocate for prevention of this type of behavior. It will cover healthy living, physical fitness, and how to make safe, drug-free, and responsible decisions. This textbook will also examine the negative effects of air and water pollution, and how to help keep the environment safe. Cadets will be introduced to civics and our national government, including a historical understanding of the American flag and other important national symbols.. The **Aerospace Science 300: Exploring Space - The High Frontier** portion of the course begins with the study of the space environment from the earliest days of interest in astronomy and early ideas of the heavens, through the Renaissance, and on into modern astronomy. It provides an in-depth study of the Earth, Sun, stars, Moon, and solar system, including the terrestrial and the outer planets. It discusses issues critical to travel in the upper atmosphere such as orbits and trajectories unmanned satellites, and space probes. It investigates the importance of entering space and discusses manned and unmanned space flights, focusing on concepts surrounding spaceflight, space vehicles, launch systems, and space missions. The section on manned spaceflight focuses on the Space Shuttle, space stations and beyond, covering milestones in the endeavor to land on the Moon and to safely orbit humans and crafts for temporary and prolonged periods. The course covers the human aspect of spaceflight, focusing on the human experience in space. It also examines the latest advances in space technology, including robotics in space, the Mars Rover, and commercial uses of space.. The **Wellness/Physical Fitness** portion of the AFJROTC program will incorporate the Cadet Health and Wellness Program (CHWP). The CHWP is an exercise program focused upon individual base line improvements with the goal of achieving a Presidential Physical Fitness standard calculated with age and gender. The goal of the CHWP is to motivate JROTC cadets to lead active, healthy lifestyles beyond program requirements and into their adult lives

**The course objectives for Leadership Education 100, Traditions, Wellness, and Foundations of Citizenship/Drill and Ceremonies are:**

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. Apply safe, drug-free decisions.

5. Analyze the importance of citizenship in the United States.

6. Know the importance of drill and ceremonies.

7. Know bas ic commands and characteristics of command voice.

8. Apply and execute the concepts and principles of basic drill positions and movements.

9. Know when and how to salute.

**The course objectives for Aerospace Science 300 – Exploring Space are**:

1. Know the history of astronomy and the specific characteristics of the Earth, Moon, solar system, and the planets.

2. Comprehend the big picture of space exploration, including the history of spaceflight, organizations doing work in space, and the overall space environment.

3. Comprehend the importance of entering space, characteristics of manned and unmanned spaceflight, and how humans are affected during spaceflight.

4. Comprehend the key concepts for getting from the surface of the Earth into Earth orbit and to other planets and back again.

5. Comprehend how spacecraft, rockets, and launch vehicles are designed and built.

6. Comprehend the latest advances in space technology.

**The course objectives for Wellness and Physical Fitness are:**

1. Understand how to lead active, healthy lifestyles beyond program requirements and into adult life.

2. Remember how to develop an individualized training program.

3. Analyze areas for improvements.

4. Incorporate a physical training program to reach goals.

**UNIFORM DAY: Wednesday/Thursday and during Special Events as determined by the SASI.** ALL cadets

are required to wear the appropriate uniform **each Wednesday/Thursday from the start of the school day until**

**released. HABITUAL NON-WEAR OF THE UNIFORM AND/OR FAILURE TO MAINTAIN STANDARDS**

**WILL RESULT IN A FAILING GRADE AND DISMISSAL FROM THE PROGRAM**. Failure to turn in uniforms by the end of the course/year will result in the student being placed on the “Debt” list until the uniforms are paid for/returned. Cadets are required to wear their issued Physical Training uniform on FRIDAYS.

**GRADING AND EVALUATION PROCEDURES:** Grading is non-competitive. Your final grade is based on the following graded items as weighed:

 **ITEM % OF GRADE**

# GRADING SCALE

A = 90 or more points

B = 80 - 89 points

C = 70 - 79 points

D = 60-69 points

F = Below 60 points

## Classwork/Homework 20%

 Uniform Wear/Inspection 40%

 Citizenship/Leadership 10%

Exams/Quizes 30%

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|  TOTAL 100% |

**Exams:** All exams (including the semester final exams) will be based on classroom instruction and assigned readings. Final exams will emphasize all course material presented during that period and will be comprehensive. Tests will consist of multiple-choice, true-false or short answer questions.

**COMMUNITY SERVICE:** Cadets will have multiple opportunities to perform AFJROTC sponsored

community service activities during each semester.

 **CURRICULUM IN ACTION TRIPS (CIA)/FIELD TRIPS:** Throughout the year cadets will have opportunities to participate in school-sponsored activities that serve as an extension of the AFJROTC curriculum. These trips may include Dover or McGuire AFB, Washington D.C., etc. Cadets must be in good academic and disciplinary standing to participate. (see Cadet Guide for details)

**CELL PHONES**: Cell phone use is in accordance with PSD policy. Cell phones must remain turned off and out of sight during the instructional day.

**Class Attendance and Participation:** Today’s workforce does not earn a paycheck unless they show up ready for work. Cadets earn grades commensurate with their class participation and effort. Cadets who are not present or prepared cannot participate fully in class. This is especially key to drill and physical fitness. Class preparation includes cadet adherence to proper grooming standards daily as outlined in Air Force Instruction and school dress code.

**BEHAVIOR:** The nature of the AFJROTC mission, as well as its high visibility within the school and community requires it members to adhere to higher standards than might be found among the student population. **Inappropriate behavior**, in or out of uniform, is prohibited while participating in AFJROTC. This behavior includes, but is not limited to, consuming alcohol, drug abuse, tobacco use, horseplay, public displays of affection, fighting, disparaging remarks, insubordination, disrespect, verbal threats and physical attacks

**CLASSROOM DEPORTMENT**: Ensure you come to class fully prepared. Study/read assigned materials and be prepared to discuss issues or answer questions during class. You are expected to be in the classroom and ready to proceed with the lesson at the scheduled class time. If you are absent at the beginning of class, you will be marked absent on class attendance. During each class period the Flight Commander and/or Flight Sergeant will act as class leader. Also, you should use appropriate terms of respect when addressing any teacher/instructor or guest speaker, e.g., “Sir”, “Ma’am”, Colonel, Chief, or Sergeant.

**EXPECTATIONS FOR CADETS**

1. Follow the chain of command (i.e. cadet-element leader - assist. Flt/CC – Flt/CC – Ops/CC – Sq/CC –

Group/CC – ASI – SASI).

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 under your desk – nothing in the aisle.

7. Raise your hand and wait to be acknowledged; do not talk without permission.

8. Listen respectively 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, bullying **(in any form)**, 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, pick it up.

14. No eating or drinking in the classroom.

15. Wearing hats or sunglasses indoors is prohibited.

16. Maintain loyalty to the AFJROTC Corps, school, and your values.

17. No horseplay in AFJROTC areas/classrooms.

18. Maintain self-control and your self-respect at all times.

19. Do not disrespect teachers/instructors, higher-ranking cadet officers and NCOs.

**CLASSROOM PROCEDURES**:

1. Enter the classroom and proceed directly to your desk. Do not move around the room to socialize with other cadets.

2. Place books and backpacks under your desk.

3. Stand at the position of “**Parade Rest**” at the rear of your desk.

4. Once the tardy bell rings, the flight commander/flight sergeant will call the class to **“Attention”** and then back to **“Parade Rest.”**

6. Roll will then be taken. When a cadet’s name is called, he or she will come to the position of “**Attention**”

and answer with **“Present.”** After answering roll, they will then return to the position of “**Parade Rest**”.

7. After roll, the Flight Commander will call the flight to “**Attention**” and place the cadets in their seats with

the command “**Seats**”.

8. Approximately two minutes before the class dismissal bell rings, the teacher/instructor will direct the Flight

Commander or Flight Sergeant to prepare the class for dismissal by stating, “**PREPARE FOR DISMISSAL**”.

Cadets will stop class work and put books and classroom materials away. Cadets will clean up their desks,

pick up any trash in the immediate vicinity of their desks, align their desks with others in their element, and

prepare to stand for dismissal, and assume “**PARADE REST**”

9. When the bell rings or at the signal of the teacher/instructor, the Flight Commander/Sergeant will call the flight to

“**ATTENTION**”. Cadets will come to the position of ATTENTION and wait for further instructions.

10. The Flight Commander/Sergeant will check that all trash is picked up and the desks are aligned. The

Flight Commander/Sergeant will notify the instructor that “**The Flight is Ready for Dismissal.”**

After the teacher/instructor states “**Dismiss the Flight**”, the Flt CC/Flt Sgt will “**DISMISS**” the flight. Cadets can then

retrieve their personal belongings and depart the classroom.

James C. Porter

JAMES C. PORTER, Lt. Col, USAF (Retired)

Senior Aerospace Science Instructor