

**AIR FORCE JUNIOR ROTC (OK-942)**  
**COURSE SYLLABUS**  
**AY 2017-2018**  
**AFJROTC I, II, III, IV**

**COURSE NAME: JROTC I, II, III, IV**

The Mission of Air Force JROTC is to develop citizens of character dedicated to serving their nation and community. **Note:** We are not a military recruiting program and no service obligation is incurred for being a cadet.

**CREDIT HOURS:** 1 Physical Education credit (9<sup>th</sup> graders ONLY) – or- 1 Elective Credit for the entire year (must complete both semesters) (All grades)

**\*\*THIS COURSE IS ELIGIBLE FOR COLLEGE CREDIT FROM ADAMS STATE COLLEGE: LEAD 130**

Foundations for Success in Health, Wellness and Physical Fitness (2 credits) OR **UNIVERSITY OF COLORADO, COLORADO SPRINGS: LEAD 151** Character Education (2 credits). Check with you instructor for more information; additional requirements apply. \*Must be age 16 at time of enrollment\*

**INSTRUCTOR'S NAMES:** Lt Col (Ret) Rustan S. Schwichtenberg, Certified Teacher JROTC 9-12  
Senior Aerospace Science Instructor (SASI), 918-925-1025  
schwiru@tulsaschools.org

MSgt (Ret) Kyle C. Gordinier, Certified Teacher JROTC 9-12  
Aerospace Science Instructor (ASI), 918-925-1071  
gordiky@tulsaschools.org

**REQUIRED TEXT AND MATERIALS:**

Aerospace Science 300: Exploring Space: The High Frontier, published 2010, (Rust Color Book)

Unit 1: The Space Environment  
Unit 2: Exploring Space  
Unit 3: Manned and Unmanned Spaceflight  
Unit 4: Space Technology

Leadership Education 100: Traditions, Wellness, and Foundations of Citizenship, (Green Book)

Chapter 1: Introduction to JROTC Programs  
Chapter 2: Personal Behavior  
Chapter 3: Be Health Smart  
Chapter 4: Making Safe, Drug-Free Decisions  
Chapter 5: The Foundations of United States Citizenship

**Support Material:**

Cadet Guide – referenced as needed  
Learn to Lead (Drill) pamphlet – referenced as needed  
Wellness Lesson Plans binder – reference as needed

**COURSE DESCRIPTION:** AFJROTC I is the introductory course for all new cadets. AFJROTC II, III and IV are the follow on courses. We teach all grade levels and all course levels in a blended classroom simultaneously.

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This method allows much greater interaction and growth for all students involved. The course consists of three components: Aerospace Science (40%), Leadership Education (40%), and Wellness/Physical Fitness (20%).

The **Aerospace Science** portion is a journey through **Exploring Space** focusing on the study of the space environment, manned and unmanned space flight and space technology. Students will learn the basics of space environments to include conditions in space, other planets, galaxies, classification, moon phases, living in space, orbital mechanics, space travel and the Hubble Space Telescope. The course will emphasize the exploration of orbits and how they work; maneuvering in space; rocket science; propulsion and the associated math to calculate exit and entry velocities; launch vehicles and robotics in space.

**Leadership Education** will introduce cadets to the 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 will examine 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 final chapter will also cover how the US Constitution protects our rights and freedoms as American citizens.

The **Wellness/Physical Fitness** portion 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. Cadets will be given the opportunity to put into practice the wellness concepts that are taught in Leadership Education classes.

Again! Student's **mandatorily** wear the Air Force JROTC uniform weekly on Thursday and the **issued** PT uniform on Tuesday/Wednesday block days, if Wellness (PE) is being taught that week.

**NOTE:** In order to maintain our HQ mandated 40/40/20 percent ratio of instruction, Wellness (PE) will not be taught every block day during the school year. However, students should always have a clean PE uniform ready for class.

## **COURSE OBJECTIVES AND GOALS:**

### **Exploring Space - The High Frontier:**

1. Know how to identify the basic elements of the space environment.
2. Know how to evaluate conditions and hazards in space.
3. Know how to evaluate how space affects the human body.
4. Know how to analyze space navigation/travel and the basics of orbital mechanics.

### **Leadership Education/Drill and Ceremonies:**

1. Analyze 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 basic 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.

## 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.

**IB MYP (or International Baccalaureate Middle Years Programme):** is an educational framework that encourages students to make practical connections between their studies and the real world in order to achieve academic and personal success. At BTW in grades nine and ten, MYP is a school-wide endeavor that provides a broad and balanced education for students across all subjects. Because it is inclusive by design, students of all interests and academic abilities benefit from participating in MYP, and class requirements reflect MYP rigor and standards. Students who complete MYP are well-prepared to undertake the internationally recognized IB Diploma Programme offered in grades eleven and twelve.

In the MYP framework, JROTC has portions of a Physical and Health Education course. The aims of MYP Physical and Health Education are to encourage and enable students to:

- use inquiry to explore physical and health education concepts
- participate effectively in a variety of contexts
- understand the value of physical activity
- achieve and maintain a healthy lifestyle
- collaborate and communicate effectively
- build positive relationships and demonstrate social responsibility
- reflect on their learning experiences.

(Source: IB MYP *Physical and Health Education Guide*)

**UNIFORM DAY:** Air Force Issued Blue Uniforms are to be worn every **THURSDAY** and at Special Events such as Veteran's Day Parade in Nov 2017, and the TPS District Superintendent's Pass-in-Review in April 2018. Cadets are required to wear their Physical Training uniform on **TUESDAY or WEDNESDAY block days**, if PE is scheduled that week.

**GRADING PROCEDURES:** Grades from the Aerospace Science portion of the course count 40% of the AFJROTC final grade and will be graded by the SASI. The Leadership Education portion of the grade counts 40% of the final grade and will be graded by the ASI. The wellness portion of the program counts for the remaining 20% of the final grade and will be graded by the SASI and/or ASI. Drill will be evaluated by the SASI and the ASI. **HABITUAL NON-WEAR OF THE UNIFORM AND FAILURE TO MAINTAIN GROOMING STANDARDS WILL RESULT IN A FAILING GRADE AND DISMISSAL FROM THE PROGRAM.** Grades will be computed in accordance with standard district grading policy and may be reviewed online by parents at any time via PowerSchool. Points available per semester can vary.

***Parents and students should check PowerSchool daily to have the highest fidelity information about student progress. This allows for intervention and/or tutoring as early as possible.***

| MAJOR GRADES   | DAILY GRADES                                  |
|--|---|
| Uniform Wear (Blues and PE gear)   | Class Attendance, Preparation & Participation |
| Exams (AS, LE, & Finals) + Wellness Essay  | Quizzes                                       |
| Parades, Special Events (Veteran's Day Parade, TPS SI Pass & Review, CC/Calls, etc.) | Class work/Homework/Worksheets                |

\*Exact points/weight of each assignment is posted on the BTW webpage and in the classroom

## GRADING SCALE: As set by the Oklahoma State Board of Education

| <u>Grade<br/>Required</u> | <u>Percentage</u> |
|---------------------------|-------------------|
| A                         | 90 and above      |
| B                         | 80 - 89           |
| C                         | 75 - 79           |
| D                         | 70 - 74           |
| F                         | 69 and below      |

**MYP Assessment:** Occasionally, students will receive MYP scores on assignments that reflect a rubric score from 0 to 8. These scores will not be calculated in students' grades. They are indicators of how well students are meeting MYP objectives in the following areas related to Physical and Health Education:

- A. Knowing and understanding
- B. Planning for performance
- C. Applying and performing
- D. Reflecting and improving performance

**UNIFORM WEAR (Major Grade):** Uniform wear is a large part of the Air Force JROTC program. ALL cadets are required to wear the appropriate uniform each **Thursday, from the start of the school day (8:30am) until released (3:35pm)**. Make-up day for excused absences on uniform day is by coordination with the SASI or ASI and must be completed within the next 5 school days. There will be **no uniform make-up for unexcused absences**. Failing to wear the uniform all day will result in a "0" (zero) grade for that uniform day. Three (3) failures to wear your uniform will lead to disenrollment from the course. Cadets are required to wear their **Physical Fitness** uniforms (Air Force issued t-shirt and AF PT shorts) on **Tuesday/Wednesday block days** unless otherwise directed. Failure to turn in uniforms by the end of the course/year will result in an overall "I" incomplete grade for the course and notification of the Principal. Additionally, the student will be placed on the "Fines/Holds" list until the uniforms are paid for/returned.

**EXAMS (Major Grade):** Two types of major exams will be administered during the course: end of unit exams and finals. Tests will be a comprehensive assessment of all material taught since the last test. These tests will cover the concepts taught in all portions (AS, LE, Wellness) of the AFJROTC curriculum.

**CLASS ATTENDANCE, PREPARATION AND PARTICIPATION (Daily Grade):** 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 found on the BTW webpage and in the Cadet Guide online.

**QUIZZES (Daily Grade):** Daily quizzes may be administered throughout the course. Quizzes will cover all material taught since the last quiz or test. Quizzes are generally worth 60 points.

**HOMEWORK/CLASSWORK:** Assignments are due by 4pm on the scheduled due date to the podium, unless otherwise directed or the cadet has an excused absence that day. For excused absences, the assignment will be due on the next class day that the cadet is present by 4pm. Assignments not turned in on the due date by 4pm because of an unexcused absence will receive a "0" (zero) grade for that assignment. Cadets are responsible for obtaining any work assigned during an absence. They must simply approach an instructor and ask what they missed.

**COMMUNITY SERVICE:** Cadets will have multiple opportunities to perform Air Force JROTC sponsored community service during each semester. Each cadet will conduct a minimum of 11 hours of community service. These 11 hours count towards the 15 hours they are required to do for BTW.

**CURRICULUM IN ACTION TRIPS (CIA)/FIELD TRIPS:** Throughout the school year, the cadets will have opportunities to participate in school-sponsored activities that serve as an extension of the AFJROTC curriculum. These trips may include visiting Carswell JRB, Randolph AFB, Lackland AFB, Tinker AFB, Vance AFB or other USAF/military and aerospace related venues. Cadets must be in good academic and disciplinary standing to participate. This trip is fully funded by the Cadet Fundraiser which is conducted from 1-30 Sept each year.

**CLASS BEHAVIOR:** The nature of the AFJROTC mission, as well as its high visibility within the school and community, requires its 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.

**CELL PHONES:** Any guidance not written here is in accordance with Tulsa Public School district instructions. Cell phones must remain turned off and out of sight during the instructional day unless the SASI/ASI has directed their use. Students who use the telecommunications device during the school day will get one verbal warning before having to place the device on the podium for the remainder of the class. They may pick up the phone at the end of the class. Instructors will not handle student cell phones.

#### **EXPECTATIONS FOR CADETS:**

1. Follow the chain of command (i.e. Flight/CC – Squadron/CC – Group/CC - ASI – SASI).  
**DO NOT GO DIRECTLY TO THE CADET GROUP/CC WITHOUT GOING TO YOUR FLIGHT/CC FIRST.**
2. Always use the titles sir/ma'am when addressing AFJROTC staff and senior ranking cadets.
3. Be on time. Flight Commanders will start class on time. Don't be late to class, scheduled events/practices.
4. Always bring your required items to class (notebook, assignments, pen/pencil, etc).
5. Wear the correct uniform on the appropriate day. Wear it correctly and with pride.
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. Upon the call "Eyes", cadets will respond "Post", stop talking and direct their attention to the instructor.
9. Listen respectfully and attentively to the speaker/presenter or fellow cadets when they are speaking.
10. 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.
11. Remain in your seat unless given permission to move about the room
12. Remain professional; NEVER sit on desks, tables, trash cans, etc.
13. Unauthorized personnel are not allowed in the staff offices and may not use the fridge or microwave.
14. Always use the trash can to dispose of trash. If you see trash on the floor, clean it up.
15. No eating in the classroom at all. Drinks are only allowed in the classroom if they have lids.
16. Wearing hats or sunglasses indoors is prohibited.
17. Maintain loyalty to the Corps, school, and your values.
18. No horseplay in the AFJROTC areas.
19. Maintain self-control and your self-respect at all times.
20. Do not disrespect instructors, higher-ranking cadet officers, NCOs or fellow cadets.

#### **CLASSROOM PROCEDURES:**

1. Enter the classroom and proceed directly to your seat. Remain standing for class opening.
2. Place books and backpacks under your desk. Nothing will be on the tables when you open class.
3. Stand at the position of "**Parade Rest**" at the rear of your seat.
4. The flight commander/flight sergeant, or their assigned personnel, will have the class ready on time and give the directive "please open class."
5. The opening class procedure is taught at the beginning of each school year and is expected to be practiced by all flights on a daily basis. All cadets will be accounted for before instruction begins.
6. The Flight Commander or their delegated representative will call the flight to "**Attention**", the guidon bearer will post the guidon at the front of the class, then he/she will ask them to "**Face the flag, salute, pledge**". After the flight leader leads them in the pledge of allegiance they will call "**face the front**". The

guidon bearer will report attendance upon the command of “**report**”. The leader will then face the class and state, “**At ease, you may take your seats.**”

7. At 1 minute before the end of class, the Flight Commander will direct the class to be closed. Cadets will stop class work and put books and classroom materials away. Cadets will clean up their tables, pick up any trash in the immediate vicinity of their tables, align their tables, and prepare to stand for dismissal, and assume the position of “**PARADE REST**”

8. When the instructor signals, the Flight Commander/Sergeant will call the flight to “**ATTENTION**”. Cadets will come to the position of ATTENTION behind their chairs. The guidon will be replaced in its holder.

9. The Flight Commander/Sergeant will check that all trash is picked up and the desks are aligned. The Flight Commander will state, “**At ease, dismissed at the bell.**” Cadets can then retrieve their personal belongings and depart the classroom.