

Air Force Junior ROTC

CTE Syllabus – Aerospace I/II/III/IV Fall 2020

Cultural Studies, Communication Skills, Intro to Cyber, and Wellness

School: Peoria High School (Unit AZ-083)

Senior Aerospace Science Instructor: Maj Ray McPherson; rmcpherson@pusd11.net

Aerospace Science Instructor: CMSgt William Wilkinson; wwilkinson@pusd11.net

Instruction Contact Information:

Classroom: Room B210 **Office Phone:** 623-486-6335 **Hours Available:** 7:00am-3:30pm

CTE Program and Program Courses: Air Force Junior ROTC

AFJROTC: Aerospace I – 18100 (First year cadets)

AFJROTC: Aerospace II – 18101 (Second year cadets)

AFJROTC: Aerospace III – 18102 (Third year cadets)

AFJROTC: Aerospace IV – 18120 (Fourth year cadets)

AFJROTC: Leadership – 18110 (Restricted to cadets in cadet staff leadership positions)

CTE Internship – AFJROTC – 18190 (Restricted to seniors with instructor approval only)

Course Credit Hours: 1.00

Locations: Peoria HS and Cactus HS

All Peoria Unified School District students may enroll in a CTE program on any campus.

Pre-requisite: None

Core Credit for this Course/Program: None

Mission and Course Description: The Mission of Air Force Junior ROTC is to develop citizens of character dedicated to serving their nation and community. This course consists of three components:

Aerospace Science (40%), Leadership Education (40%), and Wellness/Physical Fitness (20%). Emphasis is placed on developing better citizens through an examination and practice of life skills such as communication, individual and group behavior, leadership, wellness, and physical fitness.

Aerospace Science: All cadets will take part in lessons from the Cultural Studies and Intro to Cyber curricula. Cultural studies lessons will focus political, economic, religious, and societal norms in China, Korea, Africa, Russia, and the Middle East. Cyber Security will focus on cyber careers, cyber ethics, cyber safety and security, and the pros and cons of social media.

Leadership: First year cadets will be taught introductory information about AFJROTC, including core values, rank structure, proper uniform wear, and etiquette. Upperclass cadets will

be responsible for helping teach these topics to new cadets. All cadets will study communication skills such as public speaking, writing effectively, critical thinking, and learning to listen.

Wellness/Physical Fitness: The Cadet Health and Wellness Program (CWHP) is an exercise program focused upon individual baseline improvements, with the goal of achieving an Air Force Fitness standard commensurate with each cadets' 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 the wellness concepts that are taught in LE 100 into practice, and will do a modified version of the Air Force Physical Fitness Test.

Resources

Textbook & Materials:

During the online instruction period at the beginning of the semester, all lesson materials required for this course will be provided to students through Moodle. The following is a list of where these materials will come from:

- Leadership Education 100: Traditions, Wellness, and Foundations of Citizenship
 - Chapter 1, Lessons 1 – 6
- Leadership Education 200: Communication Awareness and Leadership
 - Chapter 1, Lessons 1-3; Chapter 2, Lessons 1-3
- Aerospace Science: Cultural Studies: An Introduction to Global Awareness
 - Chapter 1 – 6
- Cyber Society lessons provided by cyber.org at <https://cyber.org/find-curricula>.
 - Career Exploration; Cyber Awareness; Digital Technology, Friendships, and Personal Relationships; Privacy vs Security; Your Permanent Electronic Record; Technology and Criminal Law; and Data vs Information
- AZ-083 Cadet Handbook

Student Provided Supplies/Materials for Course: Pens, pencils, folder, dry erase markers, whiteboard erasers, USB for storage, headphones/earbuds.

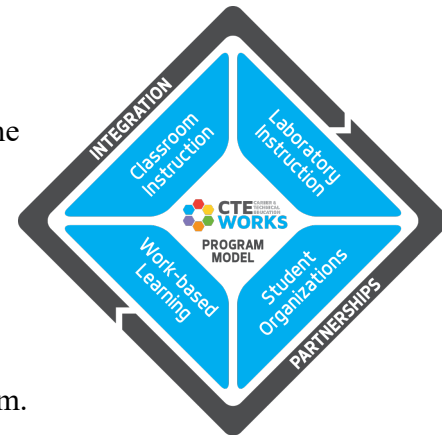
Course Fee: There is no course fee associated with taking AFJROTC at Peoria HS. However, cadets are expected to keep their uniforms clean and serviceable. With proper care and use, cadets should only need to have uniforms dry cleaned 1-2 times per semester. Cadets who damage their uniforms beyond normal wear and tear may be required to pay for replacement cost of the item(s).

Peoria CTE Total CTE Program Model

This CTE course applies a unique, award winning, learning process called the Total CTE Program Model that includes:

- Hands-on Learning
- Real World Application of Content
- State-of-the-art Technology
- Work Experience
- Employability Skills

Core integration is defined below in Standards delivered in this CTE Program.



CTE Mastery of Subject Area Graduation Endorsement

Students may pursue a CTE Mastery of Subject Area Graduation Endorsement by completing a course sequence in a specific program that includes this model. This endorsement will be added to a high school transcript indicating academic achievement in a major area of study. Students will receive a graduation medallion, certificate and pin for the program completed. Students may receive endorsements in multiple CTE programs. Criteria for the endorsement:

- Completion of all courses within a CTE program
- Completion of a Work Based Learning experience
- “B” average or higher in the CTE Program
- 80% or higher on an assessment (Arizona State Technical Assessment or Industry Certification or an assessment identified by the program)
- One-year membership in Program Affiliated CTSO as identified below
- Final approval from CTE Teacher

For more information, please ask your CTE Teacher.

Instruction

Course Outcomes: Course goals reflect the importance of building better citizens by stressing academic achievement, character development, personal responsibility, self-discipline, and proper behavior, which are vital to starting students down the road to success. By the end of this course, students will meet the following objectives:

Cultural Studies:

1. Explain how historical, geographic, religious, economic, 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. Gain an understanding of major events and significant figures who have shaped history and culture around the world, as well as the importance that cultural perspectives have on interactions between people.

Cyber Security:

1. Discuss the numerous career options available in the Cyber Security field.
2. Explain how social media has affected the concepts of friendships and relationships.
3. Explain the difference between the concepts of Cyber Privacy and Cyber Security.

4. Understand how personal information you share online becomes part of your permanent electronic record.
5. Explain how criminal law applies to the use of Cyber Technology.
6. Explain the difference between data and information.

Leadership Education/Drill & Ceremonies/Wellness:

1. Know the importance of AFJROTC history, mission, purpose, goals, and objectives.
2. Know military traditions and importance of maintaining high standards of dress/appearance.
3. Know the importance of attitude, discipline, and respect, and why values and ethics are so important.
4. Know the importance of individual self-control, common courtesy, and etiquette.
5. Know that an effective stress management program improves the quality of life.
6. Know why courtesies are rendered to the United States flag and the National Anthem.
7. Know why it is important to be a good democratic citizen and to be familiar with the different forms of governments.
8. Know the importance of keeping yourself well and helping others stay well.
9. Know the importance of drill and ceremonies.
10. Know basic commands and characteristics of command voice.
11. Apply and execute the concepts and principles of basic drill positions and movements.
12. Know when and how to salute.

AZ CTE Program Technical Standards: Not applicable.

AZ Professional Skills Standards:

<https://cms.azed.gov/home/GetDocumentFile?id=589b40441130c10810eaeaa3>

AZ Core Standards: All CTE Courses are written to make natural linkages to Arizona English Language Arts, Science, Math and Economics standards that are appropriate per class.

Lab and Safety Statement

In addition to the CTE Risk and Liability form (Appendix C) and the Acceptable Use of School Computers (Appendix D) to be signed by each Student and Parent. The following safety protocols apply to AFJROTC students:

Drill and PT Safety

Safety is a top priority during Drill and PT. The Flight Commander and Flight NCO, along with the SASI and ASI, will ensure that these activities are conducted in the safest manner possible. The most important preparation you can make is to eat a good breakfast and stay properly hydrated. Drill and PT will often be conducted outdoors unless weather prohibits. The excessive heat in our area can lead an unprepared Cadet to get heat cramps, heat exhaustion, and possibly even heat stroke.

- **Drill:**

- Drill will be conducted on Tuesdays which is a uniform day so you will wear the shoes issued to you by AFJROTC.
- If for some reason you are not in uniform on drill day it is your responsibility to wear appropriate footwear for marching (slides are not appropriate).

- **PT:**
 - PT will be conducted on Fridays.
 - Proper PTG uniform wear includes athletic shoes. Wear athletic shoes that allow for a variety of exercises to include running.
 - Open toed shoes and non-athletic shoes should be avoided on PT days.
 - PT will always begin with an organized stretching and warmup session led by Cadet leadership.
 - Slow steady improvement is the answer. Your body will adapt to added stress as your fitness level improves.
 - The notion “no pain, no gain” is wrong. We cannot improve if we are recovering from injuries.
 - Another potential danger is horseplay and/or overly aggressive play, neither of which will be tolerated.

Students will be expected to exhibit appropriate behavior and skills to safely conduct Drill and PT. PT grades will be based on level of effort a cadet puts forth, not on individual athletic ability.

Leadership through CTSO

This course has been built to provide all students with Leadership opportunities and experiences. The CTSO (Career and Technical Student Organization) for this course is the AFJROTC Cadet Staff. To qualify for the CTE Mastery of Subject Area Graduation Endorsement, students must be active members of the Cadet Staff for a minimum of one year. There are no dues required to be part of the Cadet Staff. Once a new cadet leadership team takes command for each semester, an announcement will be made for interested cadets to submit a staff application. The cadet leadership team will consider applicants for the various staff positions and make recommendations to the SASI and ASI for final approval.

Note: Unless an event is specifically highlighted, participation in the CTSO and any activities outside of class time is completely voluntary. Grades for those cadets who are unable or choose not to take part in these activities will not be negatively impacted.



Work Based Learning

Each CTE program has a Work Based Learning opportunity as a capstone experience to the Program. This means that all students are given the opportunity to be exposed to the operation of a business and specific job duties related to careers in their CTE Program area. This experience is designed to connect the skills and knowledge learned in the CTE classroom with the real-world requirements of a business. A separate WBL Handbook will be signed for WBL courses.

In AFJROTC, Work Based Learning consists of the dozens of cadet corps and community service activities that are planned and executed by the cadet staff. This includes field trips, competitions, and community service activities.

Post-Secondary Success:

Dual Enrollment Opportunity

Dual enrollment opportunities are currently not available for AFJROTC, however, they may be in the future as this program and this course have concepts that build to college credit, whether or not credit is earned. If approved, a Dual Enrollment Syllabus will be provided at that time to outline the policies and procedures of the partnering institution. Concerns about assignments, grades, attendance, discipline, etc. will be managed according to those policies and procedures. Dual Enrollment fees will be provided once the program is approved.

College Credit Course, Course Number and Hours: Not applicable.

Dual Enrollment Fee: Not applicable

Please see Peoria CTE website for possible Programs of Study/Stackable Credentials (certifications, Associate Degrees, and/or Bachelors degrees) that this Dual Enrollment could lead to: <https://www.peoriaunified.org/cteworks>.

Industry Certification Opportunity

Industry Certification Offered for this Program: Cadets who satisfactorily complete at least two years in AFJROTC will earn the AFJROTC Certificate of Training. Those who complete at least three years in AFJROTC will earn the AFJROTC Certificate of Completion. For those cadets who decide to enlist in the military, these certificates may make them eligible for accelerated promotions after completion of basic military training.

Fees: Not applicable.

Attendance and Grading Information

Attendance Policy: Please see the Student Handbook for District policies. Please see Dual Enrollment syllabus for attendance policies. Some certifications require attendance and hours of participation, please discuss with your teacher.

Grading System: Grades for each term will be based upon your performance in the following areas:

- 16% Aligned Checks (Daily coursework, Homework, Classroom Activities, Uniform Inspections, Participation in PT)
- 64% Major Assessments/Projects (Tests, Quizzes, Projects)
- 20% being based on the final assessment

The grading scale is as follows:

- 90% - 100% = A
- 80% - 89% = B
- 70% - 79% = C
- 60% - 69% = D
- 59% and below = F

Uniform Days: Cadets are required to wear the designated Air Force uniform **each Tuesday** and for designated special events, such as Color Guards, parades, and the annual awards ceremony.

Fitness Days: Cadets are also required to wear the issued **Physical Training Gear (PTG) uniform and participate in designated fitness activities each Friday**. A modified version of the Air Force Fitness Test will be administered at the beginning and end of each semester. Although there is no minimum score required on the fitness test, each cadet should give their best effort and strive to improve their level of fitness throughout the semester.

Instructor Policies & Attendance

MAKE UP WORK POLICY: Make up work is defined as any assignment or test students need to complete due to an excused absence. Students will be allowed the same amount of days equal to the number of excused absent days to make up assignments for full credit. District/school guidelines will be enforced in the areas of attendance and make-up work. Arrangements for make-up work need to be made immediately upon returning to class. Unexcused uniform inspections may be made up for up to half credit up to the final scheduled uniform inspection date of the semester. Uniform inspections missed for an excused absence may be made up for full credit if completed before the next scheduled uniform inspection. After that date, it may still be made up for up to half credit up to the final scheduled uniform inspection of the semester.

LATE WORK POLICY:

Late work is defined as any work completed and turned in after a designated due date. Work becomes late when an absence is unexcused, for truancy or when a student turns in assignments after the equal number of days allowed for excused absences. Late work will be accepted up to the last academic day before final exams week. Students will receive a grade worth up to 50% of the grade the student would have originally earned if the assignment was turned in on the actual due date.

Academic Misconduct

Academic misconduct includes, but is not limited to, cheating, plagiarism, excessive absences, use of abusive or profane language, and disruptive or threatening behavior. This may result in grade adjustment or course failure.

CLASSROOM GUIDELINES:

- Work must be turned in on its due date for full credit unless an extension is granted by the instructor. *Assignments turned in late can only earn up to 50% of the original grade.*
- Throughout this class we will routinely use the computer lab. Because of this, computer lab guidelines will be strictly enforced. Computer abuse will not be tolerated. If something is wrong with your machine, let instructors know immediately. If someone in the next class reports something wrong with the machine that you used, you may be held responsible for the damage. Be observant and be responsible.
- Help is available to you if needed. We are available **before or after school** if you need help with any assignment. Please make an appointment in advance if you need extra help.
- Uniform wear is a major part of the Air Force JROTC program and a cadet's grade. **ALL cadets are required to wear the appropriate uniform on designated days from the start of the school day until release**, unless an exception is granted by the SASI or ASI. Failing to wear the uniform all day without a granted exemption will result in a "0" (zero) grade for that uniform day and will affect your overall grade. If you do not wear the uniform on the designated uniform day, you may make it up for **half credit** before the end of the semester. Having **one** missing uniform inspection will result in receiving a **final grade** of no better

than **B**; **two** missing uniform inspections will result in receiving a **final grade** of no better than a **C**; **three** missing uniform inspections will result in receiving a **final grade** of no better than **D**; **four** or more missing uniform inspection is an automatic **failure in our class**.

- A **uniform grade for PT Gear** will also be given each week at the beginning of PT days. Wearing the full uniform (issued PT shirt and shorts, and appropriate athletic shoes) is **worth 25 points**; shirt or shorts only is worth 15 points; wearing neither shirt nor shorts will result in “0” (zero) points. Cadets can also earn **up to 25 participation points** during each PT session.

Expectations:

1. **Uphold Air Force Core values:** Integrity First; Service Before Self; Excellence In All We Do.
2. **Wear the appropriate uniform on designated days each week.** Unless otherwise informed, AZ-083’s weekly uniform wear day is on Wednesday.
3. **Be an active participant in class.** Do your best to be prepared, pay attention, and make positive contributions each lesson. Do your part during group projects and turn your homework in on time. **Unless otherwise designated, homework is due at the beginning of the class period.**
4. **Be an active participant during weekly PT sessions.** This includes wearing the issued PT uniform and taking part in the week’s designated activity every Friday. Students who are not able to participate in the weekly PT activity must still dress out to receive uniform credit. They must also provide instructors with a note from their medical provider stating the specific limitations and the duration of the exemption. Each student will also be required to complete two fitness tests this semester. In order to measure progress, one test will be administered at the beginning and one toward the end of the semester. The Fitness Test includes exercises such as push-ups, sit-ups, and the 1-mile run.
5. **Address fellow cadets by the title “Cadet” and their last name during classroom and other official AFJROTC activities.**
6. **Profit from your mistakes** and do your best not to repeat them.
7. **Cooperate**; realize what's best for the team is best for accomplishing objectives.
8. **Remain positive, enthusiastic and productive** in all endeavors.
9. Develop leadership/management objectives and persistently work towards them.
10. **Have fun!** You don’t have to choose between working hard, learning, and having fun.
 - **Community Service:** Cadets will have multiple opportunities to perform AFJROTC sponsored community service during the semester. Anyone completing 20+ hours will earn a Community Service Ribbon
 - **Curriculum-In-Action (CIA) Trips:** Cadets will have opportunities to participate in school sponsored field trips with AFJROTC, including visits to military bases and educational facilities, such as military museums. *Cadets must be in good academic and disciplinary standing to miss class for a JROTC activity.*

Other Guidelines:

1. Be respectful to teachers, staff and other students.

2. Maintain a clean classroom environment.
3. Communicate (student) challenges and we'll work towards solutions.
4. Follow all Cactus HS and Student Handbook rules (i.e. attendance, tardy policy, dress code).
5. Follow all JROTC expectations (i.e. uniform wear, behavior, saluting, and chain of command).
6. Follow the Cactus High School cell phone policy as listed below.
7. Get instructor approval before using computers in classroom
8. Treat others with mutual respect. Profanity, vulgar language, racial or ethnic slurs, derogatory comments, sexual harassment, or harassment of any fellow cadets or students will not be tolerated.
9. No eating, drinking (except water in a sealable container), or chewing gum in class.
10. Hats will not be worn in class.

ATTENDANCE PROCEDURES:

1. Upon the initial bell ringing, all cadets will come to **Attention** and stand behind their seats.
2. Once all cadets are in place, flight commanders or NCOs will put them at **Parade Rest**.
3. Flight commanders or NCOs will take roll by calling each cadet's name. When a cadet's name is called, he/she will come to attention and respond with "**Here, sir/ma'am**". Cadets will remain at attention until after the pledge of allegiance is recited and the flight is given the command "**Take your seats**".
4. Upon completing roll, flight commanders or NCOs will annotate attendance on the unit roster and turn it in to the SASI or ASI.
5. Upon the dismissal bell, all cadets will clean up their areas and push chairs under the table, then **stand at attention behind their seats**. Flight commanders or NCOs will ensure their respective areas are in order before giving the command, "xxxxx" flight dismissed."
6. The Flight Commanders and NCOs will check that all trash is picked up and the desks are aligned before they leave the classroom.

Peoria High School Cell Phone Policy

- All cadets will place their cell phones on the corner of their desk, face down with sound and vibration off. Phones will not be used after the final bell rings to start class and will remain in the pouches until the flight is dismissed or the instructor gives permission to use the phone in class.
- Cell phones should not be seen nor heard in the classroom*.
- Initial cell phone violations will result in a verbal warning from the teacher. The teacher may decide to hold the phone until the end of class, if necessary.

Repeated violations of the cell phone policy will result in the following consequences:

- 1st Offense—Cell phone turned in to front office (student can pick up at the end of the day)
2nd Offense – Cell phone turned in to front office (someone 21+ years of age must pick it up)
3rd Offense – Cell phone turned in to front office (Parent/Guardian must pick it up)

4+ Offenses – Discipline Referral(s)

Cell Phones can still be utilized before school, between classes, after school, and during lunch.

Non-Discrimination Statement

Peoria Unified School District does not discriminate on the basis of race, color, national origin, sex, age, or disability in admission to its programs, services, or activities and provides equal access to the Boy Scouts and other designated youth groups. The Peoria Unified School District's Career and Technical Education (CTE) department does not discriminate in enrollment or access to any of the CTE programs available, such as Business, Marketing & Management, Communication & Information Systems, Environmental & Agriculture Systems, Health Services, Human Services & Resources, and Industrial, Manufacturing & Engineering Systems. For more information on program prerequisites, please see the Course Description Guide [here](#). The lack of English language skills shall not be a barrier to admission or participation in the district's activities and programs. The Peoria Unified School District also does not discriminate in its hiring or employment practices. The following person has been designated to handle inquiries regarding the nondiscrimination policies:

Holly Harper
Section 504/ADA Title II Coordinator
6330 W. Thunderbird Road, Glendale, Arizona 85306
623-486-6068

El Distrito Escolar Unificado de Peoria no discrimina en base a raza, color, origen nacional, sexo, edad o discapacidad en la admisión a sus programas, servicios o actividades y proporciona igual acceso a los Boy Scouts y otros grupos juveniles designados. El Departamento de Educación Profesional y Técnica (CTE) del Distrito Escolar Unificado de Peoria no discrimina en la inscripción o el acceso a cualquiera de los programas de CTE disponibles, tales como Negocios, Marketing y Gestión, Sistemas de Comunicación e Información, Sistemas Ambientales y de Agricultura, Servicios de Salud, Servicios y Recursos, y Sistemas Industriales, de Manufactura e Ingeniería. Para obtener más información sobre los prerequisites del programa, consulte la Guía de descripción del curso aquí. La falta de habilidades en el idioma inglés no será una barrera para la admisión o participación en las actividades y programas del distrito. El Distrito Escolar Unificado de Peoria tampoco discrimina en sus prácticas de contratación o empleo. La siguiente persona ha sido designada para manejar las consultas relacionadas con las políticas de no discriminación:

Holly Harper
Sección 504 / Coordinador del Título II de la ADA
6330 W. Thunderbird Road, Glendale, Arizona 85306
623-486-6068

Disclaimer

All provisions in this syllabus are subject to revision by the instructor. Such revisions, if any, will be announced in class. The student is responsible for making note of all such announcements concerning syllabus revisions and assignments, and, in the case of absence or tardiness, to contact the instructor to determine if any such announcements, revisions, or assignments were made while the student was absent from class.



***Peoria CTE Course Parent and Student
Acknowledgement of Receipt of Syllabus***

CTE Course: AFJROTC

Please print legibly.

Student Name: _____

Current Mobile Number (Optional): _____

Current Email Address: _____

I have read the syllabus for this class. I hereby give my consent and approval for my child to participate in this course. Also, I give my approval to my child to participate in activities connected with this class.

Parents/Guardian and Student, please sign below if you understand and agree to the above statements.

Student Signature: _____ Date: _____

Parent/Guardian Signature: _____ Date: _____

Parent/Guardian Email: _____

Parent/Guardian Cell Phone: _____

Date submitted to instructor: _____

Additional documents to be completed, could include:

- MCCCCD Dual Enrollment Syllabus
- CTE Risk and Liability form **(Required)**
- PUSD Acceptable Use of School Computers form **(Required)**
- Photo Release **(Required)**
- If work based learning class, an entire Work Based Learning packet is provided
- If AP or IB course, additional information will be provided