

AFJROTC - TX-20063rd
Syllabi
&
Seven Year Course Plan
for
SY 2022 - 2023

Tivy High School - Air Force Junior ROTC

3250 Loop 534

Kerrville, TX 78028

830-257-2212 Ext 3615 or 3616

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AFJROTC CURRICULUM & COURSE OFFERINGS

The AFJROTC curriculum is 40% Aerospace Science (AS) Education, 40% Leadership Education (LE), and 20% Wellness. Students in the program are identified as AS1 (first year), AS2 (second year), AS3 (third year) and AS4 (fourth year) cadets. The first three years concentrate on aerospace science education, leadership skills, and drill. The fourth year, cadets concentrate on management of the Corps of Cadets research, planning, and utilizing the principles of management to run the Corps. In addition, the Cadet Corps Staff's primary task is to improve their life skills by managing and directing Corps operations and activities. Furthermore, they assist the Aerospace Science Instructor (ASI) and the Senior Aerospace Science Instructor (SASI) in the management of Corps operations, and the development and accomplishment of unit goals. Drill and Ceremony is taught as a part of the LE component of each class or as an after school Leadership Development Requirements (LDR) activities. Wellness Education is based on the Cadet Health and Wellness Program (CHWP) and is included in every year of instruction.

Air Force Junior ROTC Course Offerings at Tivy High School. { ** - Denotes course to be taught this School Year (SY) }

The Aerospace Science education offerings include:

AS-100: A Journey Into Aviation History

AS-200: The Science of Flight: A Gateway to New Horizons

** AS-300: Exploring Space: The High Frontier **

AS-400: Management of the Cadet Corps

The Leadership Education offerings include: { ** - Denotes course to be taught this SY }

LE-100: Traditions, Wellness, and Foundations of Citizenship

LE-200: Communication, Awareness, and Leadership

** LE-300: Life Skills and Career Opportunities **

LE-400: Principles of Management

Wellness Education

The Cadet Health and Wellness Program is patterned after the President's Physical Fitness curriculum and locally developed team leadership sports activities. Cadets are evaluated using the President's Physical Fitness program twice a year.

7 Year Curriculum Plan for TX-20063 - AFJROTC
8 Aug 2022 (AY 2022 - 2023)

AY 2022 - 2023															
Cadet Yr	Fall 2019	Spring 2020	Fall 2020	Spring 2021	Fall 2021	Spring 2022	Fall 2022	Spring 2023	Fall 2023	Spring 2024	Fall 2024	Spring 2025	Fall 2025	Spring 2026	
1	AS-380 Unit 2 Ch 5 Unit 3 Ch 6-8	AS-380 Unit 4 Ch 16-13	AS-280 Ch 1 Lss 1-5 Ch 2 Lss 1-3	AS-280 Ch 3 Lss 1-2 Ch 4 Lss 1-4	AS-180 Unit 1 Ch 1-2 Unit 2 Ch 2-3	AS-180 Unit 3 Ch 4-6 Unit 4 Ch 7-8	AS-380 Unit 1 Unit 2	AS-380 Unit 3 Unit 4	AS-280 Ch 1 Lss 1-5 Ch 2 Lss 1-3	AS-280 Ch 3 Lss 1-2 Ch 4 Lss 1-4	AS-180 Unit 1 Ch 1-2 Unit 2 Ch 2-3	AS-108 Unit 3 Ch 4-6 Unit 4 Ch 7-8	AS-380 Unit 1 Unit 2	AS-380 Unit 3 Unit 4	
	LE-308 Ch 1 Ch 3 Lss 1 AFM 36-2283	LE-308 Ch 3 Ch 8 Lss 2 AFM 36-2283	LE-308 Ch 1 Ch 4 Lan 3 AFM 36-2283	LE-308 Ch 3 Ch 8 Lan 2 AFM 36-2283	LE-198 Ch 1 Ch 3 AFM36-2203	LE-198 Ch 2 Ch 3 AFM36-2203	LE-338 Ch 1 Ch 3 Lss 1 AFM 36-2203	LE-338 Ch 1 Ch 8 Lan 2 AFM 36-2203	LE-380 Ch 1 Ch 8 Lan 2 AFM 36-2203	LE-280 Ch 1 Ch 8 Lan 2 AFM 36-2203	LE-280 Ch 3 Ch 8 Lan 2 AFM 36-2203	LE-188 Ch 1 Ch 3 AFM36-2293	LE-188 Ch 2 Ch 3 AFM36-2293	LE-380 Ch 1 Ch 3 Lan 1 AFM 36-2203	LE-380 Ch 3 Ch 8 Lan 2 AFM 36-2203
	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab
2	AS-380 Unit 2 Ch 5 Unit 3 Ch 6-8	AS-380 Unit 4 Ch 16-13	AS-280 Ch 1 Lss 1-5 Ch 2 Lss 1-3	AS-280 Ch 3 Lss 1-2 Ch 4 Lss 1-4	AS-180 Unit 1 Ch 1-2 Unit 2 Ch 2-3	AS-180 Unit 3 Ch 4-6 Unit 4 Ch 7-8	AS-380 Unit 1 Unit 2	AS-380 Unit 3 Unit 4	AS-280 Ch 1 Lss 1-5 Ch 2 Lss 1-3	AS-280 Ch 3 Lss 1-2 Ch 4 Lss 1-4	AS-180 Unit 1 Ch 1-2 Unit 2 Ch 2-3	AS-108 Unit 3 Ch 4-6 Unit 4 Ch 7-8	AS-380 Unit 1 Unit 2	AS-380 Unit 3 Unit 4	
	LE-308 Ch 1 Ch 3 Lss 1 AFM 36-2283	LE-308 Ch 3 Ch 8 Lss 2 AFM 36-2283	LE-308 Ch 1 Ch 4 Lan 3 AFM 36-2283	LE-308 Ch 3 Ch 8 Lan 2 AFM 36-2283	LE-198 Ch 1 Ch 3 AFM36-2203	LE-198 Ch 2 Ch 3 AFM36-2203	LE-338 Ch 1 Ch 3 Lss 1 AFM 36-2203	LE-338 Ch 1 Ch 8 Lan 2 AFM 36-2203	LE-380 Ch 1 Ch 8 Lan 2 AFM 36-2203	LE-280 Ch 1 Ch 8 Lan 2 AFM 36-2203	LE-280 Ch 3 Ch 8 Lan 2 AFM 36-2203	LE-188 Ch 1 Ch 3 AFM36-2293	LE-188 Ch 2 Ch 3 AFM36-2293	LE-380 Ch 1 Ch 3 Lan 1 AFM 36-2203	LE-380 Ch 3 Ch 8 Lan 2 AFM 36-2203
	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	
3	AS-380 Unit 2 Ch 5 Unit 3 Ch 6-8	AS-380 Unit 4 Ch 16-13	AS-280 Ch 1 Lss 1-5 Ch 2 Lss 1-3	AS-280 Ch 3 Lss 1-2 Ch 4 Lss 1-4	AS-180 Unit 1 Ch 1-2 Unit 2 Ch 2-3	AS-180 Unit 3 Ch 4-6 Unit 4 Ch 7-8	AS-380 Unit 1 Unit 2	AS-380 Unit 3 Unit 4	AS-280 Ch 1 Lss 1-5 Ch 2 Lss 1-3	AS-280 Ch 3 Lss 1-2 Ch 4 Lss 1-4	AS-180 Unit 1 Ch 1-2 Unit 2 Ch 2-3	AS-108 Unit 3 Ch 4-6 Unit 4 Ch 7-8	AS-380 Unit 1 Unit 2	AS-380 Unit 3 Unit 4	
	LE-308 Ch 1 Ch 3 Lss 1 AFM 36-2283	LE-308 Ch 3 Ch 8 Lss 2 AFM 36-2283	LE-308 Ch 1 Ch 4 Lan 3 AFM 36-2283	LE-308 Ch 3 Ch 8 Lan 2 AFM 36-2283	LE-198 Ch 1 Ch 3 AFM36-2203	LE-198 Ch 2 Ch 3 AFM36-2203	LE-338 Ch 1 Ch 3 Lss 1 AFM 36-2203	LE-338 Ch 1 Ch 8 Lan 2 AFM 36-2203	LE-380 Ch 1 Ch 8 Lan 2 AFM 36-2203	LE-280 Ch 1 Ch 8 Lan 2 AFM 36-2203	LE-280 Ch 3 Ch 8 Lan 2 AFM 36-2203	LE-188 Ch 1 Ch 3 AFM36-2293	LE-188 Ch 2 Ch 3 AFM36-2293	LE-380 Ch 1 Ch 3 Lan 1 AFM 36-2203	LE-380 Ch 3 Ch 8 Lan 2 AFM 36-2203
	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	
4	AS-480 Mgmt of Corps Units 1-4	AS-480 Mgmt of Corps Units 1-4	AS-480 Mgmt of Corps Units 1-4	AS-480 Mgmt of Corps Units 1-4	AS-480 Mgmt of Corps Units 1-4	AS-480 Mgmt of Corps Units 1-4	AS-480 Mgmt of Corps Units 1-4	AS-480 Mgmt of Corps Units 1-4	AS-480 Mgmt of Corps Units 1-4	AS-480 Mgmt of Corps Units 1-4	AS-480 Mgmt of Corps Units 1-4	AS-480 Mgmt of Corps Units 1-4	AS-480 Mgmt of Corps Units 1-4	AS-480 Mgmt of Corps Units 1-4	
	LE-408 Unit 1 Unit 2	LE-408 Unit 3 Unit 4	LE-408 Unit 1 Unit 2	LE-408 Unit 3 Unit 4	LE-408 Unit 1 Unit 2	LE-408 Unit 3 Unit 4	LE-408 Unit 1 Unit 2	LE-408 Unit 3 Unit 4	LE-408 Unit 1 Unit 2	LE-408 Unit 3 Unit 4	LE-408 Unit 1 Unit 2	LE-408 Unit 3 Unit 4	LE-408 Unit 1 Unit 2	LE-408 Unit 3 Unit 4	
	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	Wellness Lab	

After four years of Air Force Junior ROTC at Tivy, cadets will have completed four distinct courses in Aerospace Science and four distinct courses in Leadership Education.

Notes: Wellness is included in each year's classes.

1. Holm Center (AFJROTC) provided materials are used for all courses listed.
2. Aerospace Science (AS) and Leadership Education (LE) are blended, with Wellness (W) being taught one day per week (usually Friday).
3. Classes for are grouped by cadet year (1, 2, 3, 4) and are listed in a color coded block.
4. In above matrix, if Lessons are not specified after Unit or Chapters, then all Lessons in that Unit or Chapter will be taught in that color coded block.

The AFJROTC 7-Year Curriculum Plan can be accessed online on the THS Webpage at:

<https://www.kerrvilleisd.net/Page/4980>

**TX-20063, AIR FORCE JUNIOR ROTC
COURSE SYLLABUS - SY 2022 - 2023
AIR FORCE JUNIOR ROTC 1**

COURSE NAME: JROTC 1

CREDIT HOURS: 1.0 State Approved Elective Credit or 1.0 State Physical Education (PE Substitute) Credit
Effective SY 2013-14 JROTC credit can be used to earn a Public Services graduation endorsement.

INSTRUCTORS: Lt Colonel (Ret) John Apostolides Chief Master Sergeant (Ret) Michael Galifaro
(830) 257-2212 ext 3615 (830) 257-2212 ext 3616
john.apostolides@kerrvilleisd.net michael.galifaro@kerrvilleisd.net

REQUIRED MATERIALS: Aerospace Science 300: Exploring Space: The High Frontier (2019)
Unit 1 Chapter 1: The History of Astronomy, Lessons 1-3
Chapter 2: The Earth and Moon, Lessons 1-2
Chapter 3: The Sun and the Solar System, Lessons 1-4
Chapter 4: Deep Space, Lessons 1-2

Unit 2 Chapter 5: Exploring, Living, and Working in Space, Lessons 1-4

Leadership Education 300: Life Skills and Career Opportunities (2013)
Unit 1 Chapter 1: Charting Your Financial Course Lessons 1 - 3
Chapter 2: Managing Your Resources Lessons 1 & 2
Chapter 3: Career Opportunities Lessons 1 – 3

Unit 2 Chapter 6: Applying for Jobs Lessons 1 - 3
Chapter 7: Working for the Federal Government Lessons 1 & 2
Chapter 8: Developing Your Career Skills Lessons 1 & 3

AF Manual 36-2203, Personnel Drill and Ceremonies
Select Videos, DVDs, Handouts, and TX-20063 Cadet Guide

COURSE DESCRIPTION: AFJROTC 1 is the introductory course for all new cadets. The course consists of three components: Aerospace Science (40%), Leadership Education (40%) and Wellness/Physical Fitness (20%).

Aerospace Science 300 is an introductory space course. The course includes the history of astronomy and explanation of the specific characteristics of the Earth, Moon, solar system, and the planets. It teaches about space exploration, the history of manned and unmanned spaceflight, organizations doing work in space, and the overall space environment. It also includes key concepts for getting from the surface of the Earth into various Earth orbits and space travel to other planets and back again. Spacecraft and rocket design, and space launch vehicles will be covered. This exciting course and the latest developments and advances in space technology is designed to provide the student with a sound understanding of the basics of exploring space.

Leadership Education 300 Life Skills and Career Opportunities is a course that will be helpful to students deciding which path to take after high school. The course includes information on how to apply for admission to college or to a vocational or technical school and information on how to begin the job search whether the student elects to go to college or vocational school. Also available is information about financial planning and how to save, invest, and spend money wisely, as well as how not to get caught in the credit trap. Students are informed about real life issues such as understanding contracts, leases, wills, warranties, legal notices, and personal bills. Information on careers in the military or the federal government or an aerospace career will be presented. It also includes instruction on the wear of the Air Force uniform and emphasizes the fundamentals of Drill and Ceremonies. Cadets will learn how to precisely march in formation as well as accomplish the 30 Basic Movements; an essential ingredient to having a successful AFJROTC program.

Wellness/Physical Fitness portion incorporates the Cadet Health and Wellness Program (CHWP). The CHWP is an exercise and activity program focused on individual base line improvements with the goal of achieving a Presidential Physical Fitness standard based on age and gender. The goal of CHWP is to motivate JROTC cadets to lead active, healthy lifestyles beyond program requirements and into their adult lives. Cadets are given the opportunity to put into practice the wellness concepts taught in Leadership Education 1. The wellness/physical fitness portion of the program also incorporates locally developed team leadership activities to develop teamwork and camaraderie.

COURSE OBJECTIVES AND GOALS

Aerospace Science 300. Exploring Space: The High Frontier

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 flight 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 Earth's surface into 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.

Leadership Education 300: Life Skills and Career Opportunities (2013)

1. Know that a proper job search is needed to obtain employment.
2. Comprehend the importance of financial planning.
3. Comprehend the career opportunities available through the federal government, NASA, FAA, and the military.
4. Know military traditions and the importance of maintaining a high standard of dress and personal appearance.
5. Know the importance of attitude, discipline, and respect and why values and ethics are so important.
6. Know the importance of keeping yourself well and helping others stay well

Leadership Education: Drill and Ceremonies

1. Know the importance of drill and ceremonies.
2. Know basic commands and characteristics of command voice.
3. Apply and execute the concepts.
4. Know when and how to salute.
5. Know the purpose and definition of ceremonies and parades.

Wellness and Physical Fitness

1. Create an individualized training program based on national standards by age and gender.
2. Identify areas of improvements for each cadet and provide guidance for improvement.
3. Incorporate a physical training program to reach fitness goals.

GRADING PROCEDURES. The Kerrville Independent School District uses a numerical grade system. This system, as applied to the AFJROTC is:

- 100 – 90% = (A)
- 89 – 80% = (B)
- 79 – 75% = (C)
- 74 – 70% = (D)
- 69 – 0% = (F)

Grading is on a 100% system and cadet performance will be tabulated in five areas:

- | | |
|-------------------------------------|-----|
| 1. Academic Tests | 25% |
| 2. Uniform Wear (per event) | 30% |
| 3. Daily Work (weekly grade) | 15% |
| 4. Wellness Program/Lab (per event) | 20% |
| 5. Activity (6-week grade) | 10% |

Academic Tests. Tests and quizzes are usually announced, but occasionally a surprise quiz will be given to encourage timely completion of reading and other class assignments. Tests will be composed of any combination of multiple-choice, true-false, completion, matching, or questions requiring written composition.

Uniform Wear. The uniform wear day for the TX-20063 is each Wednesday. An Air Force uniform is provided to ALL cadets at no expense to the student/cadet. Federal Law establishing the JROTC program and the contract between the Kerrville ISD and AFJROTC requires all cadets wear the uniform at least one day per week for the entire school day to participate in the program (once the uniform is issued). Additionally, meeting all grooming standards is a required part of the program.

Daily Work. This includes class participation and leadership/followership. NOTE: Failure to wear the uniform will result in a “0” for the weekly Daily Work grade in the week the uniform should have been worn, along with a “0” in Uniform Wear Grade and a “0” in Leadership grade for that week.

Wellness. Wellness consists of leadership performance exercises and organized team activities. One day per week (usually Friday) is dedicated to the wellness portion of the curriculum.

Activity. The TX-20063 AFJROTC program hosts and participates in many co-curricular activities (termed Leadership Development Requirements or LDRs) during the course of the school year. These items are announced well ahead of time. Cadets must participate in one event each six week grading period. Failure to complete the requirements will result in a "0" for your Activity Grade. A list of these team and service activities is found in the TX-20063 Cadet Guide which is posted online at <https://www.kerrvilleisd.net/Page/4979> on the Tivy High School webpage.

See additional policies covering, grading, make-ups, assignments, and absences in the TX-20063 Cadet Guide.

**TX-20063, AIR FORCE JUNIOR ROTC
COURSE SYLLABUS - SY 2022 – 2023
AIR FORCE JUNIOR ROTC 2**

COURSE NAME: JROTC 2

CREDIT HOURS: 1.0 State Approved Elective Credit or
1.0 State Elective Credit (must complete the entire year)
Effective SY 2013-14 JROTC credit can be used to earn a Public Services graduation endorsement.

INSTRUCTORS: Lt Colonel (Ret) John Apostolides Chief Master Sergeant (Ret) Michael Galifaro
(830) 257-2212 ext 3615 (830) 257-2212 ext 3616
john.apostolides@kerrvilleisd.net michael.galifaro@kerrvilleisd.net

REQUIRED MATERIALS: Aerospace Science 300: Exploring Space: The High Frontier (2019)
Unit 1 Chapter 1: The History of Astronomy, Lessons 1-3
Chapter 2: The Earth and Moon, Lessons 1-2
Chapter 3: The Sun and the Solar System, Lessons 1-4
Chapter 4: Deep Space, Lessons 1-2

Unit 2 Chapter 5: Exploring, Living, and Working in Space, Lessons 1-4

Leadership Education 300: Life Skills and Career Opportunities (2013)
Unit 1 Chapter 1: Charting Your Financial Course Lessons 1 - 3
Chapter 2: Managing Your Resources Lessons 1 & 2
Chapter 3: Career Opportunities Lessons 1 – 3

Unit 2 Chapter 6: Applying for Jobs Lessons 1 - 3
Chapter 7: Working for the Federal Government Lessons 1 & 2
Chapter 8: Developing Your Career Skills Lessons 1 & 3

AF Manual 36-2203, Personnel Drill and Ceremonies
Select Videos, DVDs, Handouts, and TX-20063 Cadet Guide

COURSE DESCRIPTION: AFJROTC 2 is the introductory course for all new cadets. The course consists of three components: Aerospace Science (40%), Leadership Education (40%) and Wellness/Physical Fitness (20%).

Aerospace Science 300 is an introductory space course. The course includes the history of astronomy and explanation of the specific characteristics of the Earth, Moon, solar system, and the planets. It teaches about space exploration, the history of manned and unmanned spaceflight, organizations doing work in space, and the overall space environment. It also includes key concepts for getting from the surface of the Earth into various Earth orbits and space travel to other planets and back again. Spacecraft and rocket design, and space launch vehicles will be covered. This exciting course and the latest developments and advances in space technology is designed to provide the student with a sound understanding of the basics of exploring space.

Leadership Education 300 Life Skills and Career Opportunities is a course that will be helpful to students deciding which path to take after high school. The course includes information on how to apply for admission to college or to a vocational or technical school and information on how to begin the job search whether the student elects to go to college or vocational school. Also available is information about financial planning and how to save, invest, and spend money wisely, as well as how not to get caught in the credit trap. Students are informed about real life issues such as understanding contracts, leases, wills, warranties, legal notices, and personal bills. Information on careers in the military or the federal government or an aerospace career will be presented. It also includes instruction on the wear of the Air Force uniform and emphasizes the fundamentals of Drill and Ceremonies. Cadets will learn how to precisely march in formation as well as accomplish the 30 Basic Movements; an essential ingredient to having a successful AFJROTC program.

Wellness/Physical Fitness portion incorporates the Cadet Health and Wellness Program (CHWP). The CHWP is an exercise and activity program focused on individual base line improvements with the goal of achieving a Presidential Physical Fitness standard based on age and gender. The goal of CHWP is to motivate JROTC cadets to lead active, healthy lifestyles beyond program requirements and into their adult lives. Cadets are given the opportunity to put into practice the wellness concepts taught in Leadership Education 1. The wellness/physical fitness portion of the program also incorporates locally developed team leadership activities to develop teamwork and camaraderie.

COURSE OBJECTIVES AND GOALS

Aerospace Science 300. Exploring Space: The High Frontier

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 flight 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 Earth's surface into 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.

Leadership Education 300: Life Skills and Career Opportunities (2013)

7. Know that a proper job search is needed to obtain employment.
8. Comprehend the importance of financial planning.
9. Comprehend the career opportunities available through the federal government, NASA, FAA, and the military.
10. Know military traditions and the importance of maintaining a high standard of dress and personal appearance.
11. Know the importance of attitude, discipline, and respect and why values and ethics are so important.
12. Know the importance of keeping yourself well and helping others stay well

Leadership Education: Drill and Ceremonies

1. Know the importance of drill and ceremonies.
2. Know basic commands and characteristics of command voice.
3. Apply and execute the concepts.
4. Know when and how to salute.
5. Know the purpose and definition of ceremonies and parades.

Wellness and Physical Fitness

1. Create an individualized training program based on national standards by age and gender.
2. Identify areas of improvements for each cadet and provide guidance for improvement.
3. Incorporate a physical training program to reach fitness goals.

GRADING PROCEDURES. The Kerrville Independent School District uses a numerical grade system. This system, as applied to the AFJROTC is:

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| 100 – 90% = (A) |
| 89 – 80% = (B) |
| 79 – 75% = (C) |
| 74 – 70% = (D) |
| 69 – 0% = (F) |

Grading is on a 100% system and cadet performance will be tabulated in five areas:

- | | |
|-------------------------------------|-----|
| 6. Academic Tests | 25% |
| 7. Uniform Wear (per event) | 30% |
| 8. Daily Work (weekly grade) | 15% |
| 9. Wellness Program/Lab (per event) | 20% |
| 10. Activity (6-week grade) | 10% |

Academic Tests. Tests and quizzes are usually announced, but occasionally a surprise quiz will be given to encourage timely completion of reading and other class assignments. Tests will be composed of any combination of multiple-choice, true-false, completion, matching, or questions requiring written composition.

Uniform Wear. The uniform wear day for the TX-20063 is each Wednesday. An Air Force uniform is provided to ALL cadets at no expense to the student/cadet. Federal Law establishing the JROTC program and the contract between the Kerrville ISD and AFJROTC requires all cadets wear the uniform at least one day per week for the entire school day to participate in the program (once the uniform is issued). Additionally, meeting all grooming standards is a required part of the program.

Daily Work. This includes class participation and leadership/followership. NOTE: Failure to wear the uniform will result in a “0” for the weekly Daily Work grade in the week the uniform should have been worn, along with a “0” in Uniform Wear Grade and a “0” in Leadership grade for that week.

Wellness. Wellness consists of leadership performance exercises and organized team activities. One day per week (usually Friday) is dedicated to the wellness portion of the curriculum.

Activity. The TX-20063 AFJROTC program hosts and participates in many co-curricular activities (termed Leadership Development Requirements or LDRs) during the course of the school year. These items are announced well ahead of time. Cadets must participate in one event each six week grading period. Failure to complete the requirements will result in a "0" for your Activity Grade. A list of these team and service activities is found in the TX-20063 Cadet Guide which is posted online at <https://www.kerrvilleisd.net/Page/4979> on the Tivy High School webpage.

See additional policies covering, grading, make-ups, assignments, and absences in the TX-20063 Cadet Guide.

**TX-20063, AIR FORCE JUNIOR ROTC
COURSE SYLLABUS - SY 2022 - 2023
AIR FORCE JUNIOR ROTC 3**

COURSE NAME: JROTC 3

CREDIT HOURS: 1.0 State Approved Elective Credit

Effective SY 2013-14 JROTC credit can be used to earn a Public Services graduation endorsement.

INSTRUCTORS:

Lt Colonel (Ret) John Apostolides (830) 257-2212 ext 3615 john.apostolides@kerrvilleisd.net	Chief Master Sergeant (Ret) Michael Galifaro (830) 257-2212 ext 3616 michael.galifaro@kerrvilleisd.net
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REQUIRED MATERIALS:

Aerospace Science 300: Exploring Space: The High Frontier (2019)

- Unit 1 Chapter 1: The History of Astronomy, Lessons 1-3
- Chapter 2: The Earth and Moon, Lessons 1-2
- Chapter 3: The Sun and the Solar System, Lessons 1-4
- Chapter 4: Deep Space, Lessons 1-2

Unit 2 Chapter 5: Exploring, Living, and Working in Space, Lessons 1-4

Leadership Education 300: Life Skills and Career Opportunities (2013)

- Unit 1 Chapter 1: Charting Your Financial Course Lessons 1 - 3
- Chapter 2: Managing Your Resources Lessons 1 & 2
- Chapter 3: Career Opportunities Lessons 1 – 3

- Unit 2 Chapter 6: Applying for Jobs Lessons 1 - 3
- Chapter 7: Working for the Federal Government Lessons 1 & 2
- Chapter 8: Developing Your Career Skills Lessons 1 & 3

AF Manual 36-2203, Personnel Drill and Ceremonies
 Select Videos, DVDs, Handouts, and TX-20063 Cadet Guide

COURSE DESCRIPTION: AFJROTC 3 is the introductory course for all new cadets. The course consists of three components: Aerospace Science (40%), Leadership Education (40%) and Wellness/Physical Fitness (20%).

Aerospace Science 300 is an introductory space course. The course includes the history of astronomy and explanation of the specific characteristics of the Earth, Moon, solar system, and the planets. It teaches about space exploration, the history of manned and unmanned spaceflight, organizations doing work in space, and the overall space environment. It also includes key concepts for getting from the surface of the Earth into various Earth orbits and space travel to other planets and back again. Spacecraft and rocket design, and space launch vehicles will be covered. This exciting course and the latest developments and advances in space technology is designed to provide the student with a sound understanding of the basics of exploring space.

Leadership Education 300 Life Skills and Career Opportunities is a course that will be helpful to students deciding which path to take after high school. The course includes information on how to apply for admission to college or to a vocational or technical school and information on how to begin the job search whether the student elects to go to college or vocational school. Also available is information about financial planning and how to save, invest, and spend money wisely, as well as how not to get caught in the credit trap. Students are informed about real life issues such as understanding contracts, leases, wills, warranties, legal notices, and personal bills. Information on careers in the military or the federal government or an aerospace career will be presented. It also includes instruction on the wear of the Air Force uniform and emphasizes the fundamentals of Drill and Ceremonies. Cadets will learn how to precisely march in formation as well as accomplish the 30 Basic Movements; an essential ingredient to having a successful AFJROTC program.

Wellness/Physical Fitness portion incorporates the Cadet Health and Wellness Program (CHWP). The CHWP is an exercise and activity program focused on individual base line improvements with the goal of achieving a Presidential Physical Fitness standard based on age and gender. The goal of CHWP is to motivate JROTC cadets to lead active, healthy lifestyles beyond program requirements and into their adult lives. Cadets are given the opportunity to put into practice the wellness concepts taught in Leadership Education 1. The wellness/physical fitness portion of the program also incorporates locally developed team leadership activities to develop teamwork and camaraderie.

COURSE OBJECTIVES AND GOALS

Aerospace Science 300. Exploring Space: The High Frontier

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 flight 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 Earth's surface into 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.

Leadership Education 300: Life Skills and Career Opportunities (2013)

13. Know that a proper job search is needed to obtain employment.
14. Comprehend the importance of financial planning.
15. Comprehend the career opportunities available through the federal government, NASA, FAA, and the military.
16. Know military traditions and the importance of maintaining a high standard of dress and personal appearance.
17. Know the importance of attitude, discipline, and respect and why values and ethics are so important.
18. Know the importance of keeping yourself well and helping others stay well

Leadership Education: Drill and Ceremonies

1. Know the importance of drill and ceremonies.
2. Know basic commands and characteristics of command voice.
3. Apply and execute the concepts.
4. Know when and how to salute.
5. Know the purpose and definition of ceremonies and parades.

Wellness and Physical Fitness

1. Create an individualized training program based on national standards by age and gender.
2. Identify areas of improvements for each cadet and provide guidance for improvement.
3. Incorporate a physical training program to reach fitness goals.

GRADING PROCEDURES. The Kerrville Independent School District uses a numerical grade system. This system, as applied to the AFJROTC is:

100 – 90% = (A)
89 – 80% = (B)
79 – 75% = (C)
74 – 70% = (D)
69 – 0% = (F)

Grading is on a 100% system and cadet performance will be tabulated in five areas:

11. Academic Tests	25%
12. Uniform Wear (per event)	30%
13. Daily Work (weekly grade)	15%
14. Wellness Program/Lab (per event)	20%
15. Activity (6-week grade)	10%

Academic Tests. Tests and quizzes are usually announced, but occasionally a surprise quiz will be given to encourage timely completion of reading and other class assignments. Tests will be composed of any combination of multiple-choice, true-false, completion, matching, or questions requiring written composition.

Uniform Wear. The uniform wear day for the TX-20063 is each Wednesday. An Air Force uniform is provided to ALL cadets at no expense to the student/cadet. Federal Law establishing the JROTC program and the contract between the Kerrville ISD and AFJROTC requires all cadets wear the uniform at least one day per week for the entire school day to participate in the program (once the uniform is issued). Additionally, meeting all grooming standards is a required part of the program.

Daily Work. This includes class participation and leadership/followership. NOTE: Failure to wear the uniform will result in a "0" for the weekly Daily Work grade in the week the uniform should have been worn, along with a "0" in Uniform Wear Grade and a "0" in Leadership grade for that week.

Wellness. Wellness consists of leadership performance exercises and organized team activities. One day per week (usually Friday) is dedicated to the wellness portion of the curriculum.

Activity. The TX-20063 AFJROTC program hosts and participates in many co-curricular activities (termed Leadership Development Requirements or LDRs) during the course of the school year. These items are announced well ahead of time. Cadets must participate in one event each six week grading period. Failure to complete the requirements will result in a "0" for your Activity Grade. A list of these team and service activities is found in the TX-20063 Cadet Guide which is posted online at <https://www.kerrvilleisd.net/Page/4979> on the Tivy High School webpage.

See additional policies covering, grading, make-ups, assignments, and absences in the TX-20063 Cadet Guide.

**TX-20063, AIR FORCE JUNIOR ROTC
COURSE SYLLABUS - SY 2022 - 2023
AIR FORCE JUNIOR ROTC 4**

COURSE NAME: JROTC 4

CREDIT HOURS: 1.0 State Approved Elective Credit

INSTRUCTORS: Lt Colonel (Ret) John Apostolides Chief Master Sergeant (Ret) Michael Galifaro
(830) 257-2212 ext 3615 (830) 257-2212 ext 3616
john.apostolides@kerrvilleisd.net michael.galifaro@kerrvilleisd.net

REQUIRED MATERIALS: Aerospace Science 400: Management of the Cadet Corps

Leadership Education 400: Principles of Management (2008 textbook)
Unit 1: Introduction to Management
Unit 2: Planning
Unit 3: Organizing
Unit 4: Leading

AF Manual 36-2203, Personnel Drill and Ceremonies
Select Videos, DVDs, and Handouts
TX-20063 Cadet Guide

COURSE DESCRIPTION: AFJROTC 4 is for fourth year cadets. During this year of training cadets may hold upper level positions with senior decision making management responsibility in the Corps of Cadets. The course consists of three components: Aerospace Science (40%), Leadership Education (40%) and Wellness/Physical Fitness (20%).

Aerospace Science 400 cadets manage the entire Corps of Cadets during their fourth year in the Air Force Junior ROTC program. This hands-on experience affords cadets the opportunity to put theories of previous leadership courses into practice. Planning, organizing, coordinating, directing, controlling, and decision-making will be done by cadets. They will put into practice their communication, decision-making, personal-interaction, managerial, and organizational skills to run an effective Corps.

Leadership Education 400 provides exposure to the fundamentals of management. The text contains many leadership topics that will benefit students as well as provide them with some of the necessary skills needed to put into practice what they have learned during their time in AFJROTC. Furthermore, it will equip cadets with the qualities needed to serve in leadership positions within the Corps. Throughout the text are many ethical dilemmas, case studies, and role play activities built into the lessons. These activities are based on real life experiences and will allow students the opportunity to practice what they learn by getting involved in discussions and expressing their opinions. Cadet Corps activities include holding the highest positions of responsibility in the Corps of Cadets. Additionally, cadets will oversee Military Drill and Ceremonies projects during the year.

Wellness/Physical Fitness incorporates the Cadet Health and Wellness Program (CHWP). The CHWP is an exercise and activity program focused on individual base line improvements with the goal of achieving a Presidential Physical Fitness standard based on age and gender. The goal of CHWP is to motivate JROTC cadets to lead active, healthy lifestyles beyond program requirements and into their adult lives. Cadets are given the opportunity to put into practice the wellness concepts taught in Leadership Education. The wellness/physical fitness portion of the program also incorporates locally developed team leadership activities to develop teamwork and camaraderie.

COURSE OBJECTIVES AND GOALS

Aerospace Science 400: Management of the Cadet Corps

1. Apply theories and techniques learned in previous leadership courses.
2. Analyze how to develop leadership and management competency through participation.
3. Analyze strengthened organizational skills through active incorporation.
4. Evaluate how to develop confidence in ability by exercising decision-making skills.
5. Evaluate Air Force standards, discipline, and conduct.

Leadership Education 400: Principles of Management

1. Know the history and the importance of management.
2. Know the techniques and skills involved in planning and decision making.
3. Know the importance of managing change, stress, and innovation.
4. Know the key elements of individual and group behavior, the importance of the communication process, and the

characteristics of a good leader.

Wellness and Physical Fitness

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SACS CASI Accreditation by the AdvancED® Accreditation Commission

Air Force Junior ROTC was awarded continuing accreditation with the Southern Association of Colleges and Schools Council on Accreditation and School Improvement (SACS CASI) on 3 March 2016 through December 2021 by the AdvancED Accreditation Commission. AdvancED is the parent organization of SACS CASI. The AdvancED Accreditation Commission is a national panel that reviews and takes action on all SACS CASI accreditation recommendations. A copy of the letter and certificate are included on the following pages.

AFJROTC was first awarded accreditation by the Commission on International and Trans-Regional Accreditation (CITA) Board of Directors on 29 November 2005; they have maintained continuous accreditation since then. To achieve accreditation, AFJROTC has undergone and successfully completed rigorous self-studies and site evaluations conducted by the CITA and AdvancED teams of experienced educators.

In summer 2008 CITA became part of AdvancED, and the AdvancEd standards and protocol took effect 1 July 2009.

