

**Air Force JROTC**  
**Course Outline**  
**AS III & AS IV 2009-2010**  
**Period 1 & 9 NAI RM 84**

Instructors: MSgt. Denault - Monday & Tuesday,  
and Major Schott - Wednesday, Thursday, & Friday

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Instructional Rationale: Air Force JROTC students are challenged to become positive interventionists and to co-create with the instructors a learner-centered non-traditional learning environment. The course intends to: 1) step back and allow senior ROTC cadets the chance to lead and be active self-directive learners, 2) listen as well as teach and facilitate, 3) allow the cadets to work in a university style learning environment where they must take responsibility for their own actions, 4) discover and affirm new ideas and techniques for developing and maintaining self-discipline and self-reliance, and 5) bring out the wisdom that is in all of us.

Intended learning outcomes: The course is designed to introduce cadets to an advanced learning environment where they receive information at the beginning of the year including requirements and due dates and then they will manage their time and resources to prepare and navigate through the course. They will be assigned Corps projects and then develop the timeline and resources necessary to complete them. The cadets will select and develop an *astronomy topic* for presentation to the other members of their flight. Then they will research and prepare their presentation and turn the completed project in for evaluation. At a later date in the year, with relatively short notice, they will be required to present the information to the class. They will also participate in weekly discussions of current events. Cadets will develop and polish their professional interview skills and be prepared to present a current accurate resume. Cadets will accomplish weekly staff meetings to monitor Corps projects and activities. Cadets will participate and lead wellness activities.

Required text: Air Force has supplied "Astronomy" texts. Other resource books may be necessary to complete assignments.

Course grading and evaluation procedures:

"You can't play the game if you don't know the rules!"

The following grading scale will be used: (We don't round up.)

100%-90% of total points =A

80%-89%=B

70%-79%=C

60%-69%=D

59.9% or below=E

Cadets can expect to receive grades for a variety of work, including quizzes, workbooks, teaching projects and presentations, class participation, and uniform wear.

Assignments:

Assignments, such as workbooks are to be handed in on time. They are due during your class period. If you are not in school, and you have an acceptable excuse, your work is due on the first day you return to school. (This applies to students who attend class every other day, so if you are not scheduled to be in class the day you return, you will need to make time to turn in your assignment during a study hall or lunch period.) **Late work:** Assignments not turned in on time will fall under the following criteria: One day late, the maximum grade is an 89%. Two days late, the maximum grade will be a 78%.

Assignments more than two days late will receive a grade of ZERO. Don't let that happen to you. If you have problems talk to us before it is due!... ***“ATTENTION!! YOU MUST HAND IN ASSIGNMENTS LISTED # 1-4 IN IMPORTANT DATES. YOU WILL RECEIVE A 59.0% THAT NINE WEEKS FOR YOUR FINAL GRADE IF IT IS NOT TURNED IN BY 7 CALENDAR DAYS FROM ORIGINAL DUE DATE.***

Projects/written assignments:

Papers are expected to be typed, double-spaced, 12 or 14 font with one to one and one-half inch margins. Make the survival paper about 1500 words in length. (Will usually be 3 pages.) In the event of a computer and/or printer problem, the cadets WILL NOT BE EXCUSED from handing in required work. Instead, the work may be handwritten in ink, written every other line on one side only. You get ***one hand written paper per year.***

Materials:

Textbooks and workbooks required for class will arrive in class along with your body. If it is left in a locker, you will not be permitted to retrieve it. All cadets are required to have a three ring binder. The first item in it will be this course outline. Any handouts will be placed in your notebook next most current on top. Periodic unannounced material checks will be conducted. Everything required present, +30 Things missing, +0.

Uniform wear and cadet personal appearance guidelines are available in the Cadet Guide.

Criteria for grading supplemental astronomy research assignments:

1. Completed Astronomy Research Project turned in. + % of 100 points \_\_\_\_\_  
Due 23 September 2009 \_\_\_\_\_ actual \_\_\_\_\_ (Late see above)  
Actual date of presentation to be determined.
2. Project Presentation: preparation, \_\_\_\_\_ opening statement, follows outline, \_\_\_\_\_ knowledgeable presentation, \_\_\_\_\_ time greater than 15 minutes, \_\_\_\_\_ original or entertaining, \_\_\_\_\_ obvious effort displayed. + 100 max.  
Overall effort: Bonus: + 5 \_\_\_\_ + 10 \_\_\_\_ Total points = \_\_\_\_\_

Criteria for grading wellness participation: Arrive in class with proper clothing to participate. Teams of two cadets will work together and grade each other. SASI will compare their score against observed energy and enthusiasm level for final grade. Cadets

will rotate leading the wellness activity session. Variety is encouraged. + 30 points max normal participation. Additional + 30 total for cadet leader.

Criteria for grading current events and participation summary (One thing I learned)

Attendance, Participation, Preparation = +30 points Max/day

Current events (3) turned in; (One on an aerospace topic.)

Completed before class on provided slips +30

Completed in class on provided slips +20

Completed in class on some other paper +10

Not completed fully (2 or less events) +0 this counts as one missed assignment....

If you are absent the completed current event slip is due, during class, the first day you return. Monday, turn it in to MSgt. Denault at the beginning of class.

**On missed assignments, three missed assignments and you are not eligible for the next field trip or “Good deal”. That is any combination of missed project due date, missed uniform wear, or missed current event and you won’t go with us...*You control your destiny!***

Excuses like; “I forgot” or “It’s done but I haven’t printed it out yet. Let me go down to the library print it out (finish it.)” and or “I left it at home” are never acceptable.

Criteria for grading Iron Eagle Articles:

Articles will be suitable for inclusion in the Iron Eagle Corps Newspaper. They must be at least one page as listed above but may be over. Information should be current but may include historical data or information if it supports current events. **“Almost”** any topic involving the cadets or active duty military operations are appropriate. Articles should be positive in nature and should not be used to talk around problems you have with individual Cadets’ leadership styles. (Those problems will be addressed as soon as they arise.) When in doubt clear it with an instructor. Considerations include content, style, relevance to the Corps, and appearance. +100 points maximum grade.

Criteria for grading Home Improvement Projects:

This project should be fun and make more **“Points”** for you at home than it does in class. First look around your home and decide on a project you could personally accomplish or plan. Ask your parents what needs fixed if you get stumped. Second determine cost, tools needed to complete the job, and availability of materials. Most home improvement projects can be planned and cost determined by a quick trip to a home improvement center like Home Depot or Lowes or any hardware store. Discuss the project in class with the other members of your flight. You will be amazed how many of your projects are familiar to your fellow cadets. They may be able to help you actually accomplish your project. Project accomplishment is not necessary to receive a grade for the project but you may, with your parents’ consent, improve the beauty or efficiency of your home. Some examples of a home improvement project include but are not limited to; gardening or landscaping, fixing a leaky faucet, building or repairing a deck, painting a porch, installing new screen in a door or window, installing a new dead bolt on a door, installing

a ceiling fan or a light dimmer switch. (Electrical work can be dangerous but the project can still be planned and discussed.) You may also plan to replace an entire sidewalk. Be creative. Be careful. Don't duplicate projects other members of your flight are doing. Be creative on your own. Grade considerations include feasibility, safety issues considered, effort, and completeness of proposal. A one-page paper (500 words) including a paragraph describing your project, materials and tools required, and the cost breakdown will be evaluated. Maximum grade for this project is +100 points.

Criteria for grading JROTC Assessment Paper:

Here, once again, is your chance to improve our Corps. Discuss the yearly activities and suggest improvements. (Don't just complain without suggestions on how to fix or make the situation better.) A one-page paper will comply with this assignment. We will discuss these in class. Maximum grade for this project is +100 points.

This week I learned about one thing. Learning is an on going process. Sometimes things will be come clearer or you will discover a similarity you missed before. You may learn about your likes or dislikes. It may even be new facts to add to your knowledge base. It will not always be reflected in a grade book. Value things that improve your future.

Important dates:        **\*\*\* #1 – 4. (You may be early, but don't be late!!) \*\*\***

- 1. 23 September 2009 Astronomy Research Project Due
- 2. 15 November 2009 Iron Eagle Article Due
- 3. 31 January 2010    NASA Project Due
- 4. 18 April 2010        JROTC Assessment Paper Due
- Every Tuesday        Uniform Day
- Every Thursday       Show up with 3 current events and what you learned  
written down and ready to turn in on the blanks provided.
- Every Friday         Show up dressed for physical activity & wellness training

(USE THESE TWO CURRENT EVENT FORMS LAST) **FOLLOW INSTRUCTIONS**

Name \_\_\_\_\_ Flt \_\_\_\_ Date \_\_\_\_\_

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_

This week I learned about \_\_\_\_\_

Name \_\_\_\_\_ Flt \_\_\_\_ Date \_\_\_\_\_

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_

This week I learned about \_\_\_\_\_