

COURSE SYLLABUS
for
AFJROTC 1, AEROSPACE SCIENCE 100
Journey Into Aviation History

COURSE NAME: AFJROTC I Suggested **Grade Level: 9; Prerequisite: None; Credit:1**

INSTRUCTOR: Lieutenant Colonel J. R. Bryan, USAF (Retired), Senior Aerospace Science Instructor, e-mail: joseph.bryan@madriverschools.org, 937 237 4250 ext. 7504

Text Book (available on line): Aerospace Science: A Journey into Aviation History

Course Description: AS-100: An aviation history course focusing on the development of flight throughout the centuries. It starts with ancient civilizations, then progresses through time to modern day. The emphasis is on civilian and military contributions to aviation; the development, modernization, and transformation of the Air Force; and a brief astronomical and space exploration history. It is interspersed with concise overviews of the principles of flight to include basic aeronautics, aircraft motion and control, flight power, and rockets. Throughout the course, there are readings, videos, hands-on activities, and in-text and student exercises to guide in the reinforcement of the materials.

Assignment Policy: All assignments are in electronic format and will be available on the AFJROTC Web Page (www.stebbinsafjrotc.weebly.com), under the Course Assignments link. Hard copies may be provided upon request or personal printing. Assignment due dates will be displayed on the designated assignment webpage. Assignments not completed prior to the due date may require students to request assignment reopening and credit availability. Textbooks will not be issued, but are available in the classroom for use and will not be removed from the classroom. All textbooks are available in electronic format on the AFJROTC web page and assignments.

Grading Procedures:

- a. Assessments and Assignments
- b. Class attendance and participation
- c. Participation points

Course Evaluation (for entire term):

- a. Assessments and assignments (100 points each)
- b. Participation Points (10 points per day)

Grading Scale: Will be in accordance with the Stebbins High School Grading Scale as outlined in the Student/Parent Handbook.

Attendance and Tardiness: Attendance will be taken every day at the beginning of the class period. Students absent or tardy will be recorded and are subject to the district attendance policies as outlined in the Student Handbook.

Class Participation: Students are expected to be ready for class to include their agenda and a functioning writing device and participate actively in class. Daily assessments will be conducted for class preparedness.

Classroom Decorum: No food or drinks (to include gum) is allowed in class. All cell phones and other electronic devices may not be used unless authorized by the instructor.

Safety and Emergency Preparedness: The instructor will provide a safe environment for the student to facilitate learning. In the event of an emergency (fire, tornado, or other emergency), student will follow the instructions posted in the classroom and the directions of the instructor.