



Fundamentals of Aerospace /Flight Operations I and Flight Operations II

Instructor

Teacher: Joneisha Roach

Email

jroach@rockdale.k12.ga.us

Phone number

678-590-5855 or RCA- 770-483-4713 ext. 31389

Office Hours

Mon, Tues, and Thurs-3:00 pm-3:45 pm (Times and days are subject to change)

MS Team (Student Link)-https://teams.microsoft.com/l/meetup-join/19%3ameeting_YmY1NjgyNzAtNWNjNS00ZjliLTgxODItN2NlZDQ0ZGZkMjNh%40thread.v2/0?context=%7b%22Tid%22%3a%22bfd25eb8-3dfc-4e5c-adab-ad073f23ac72%22%2c%22Oid%22%3a%224f7c7da2-c1b9-4966-9f43-8ffa4acff1bc%22%7d

MS Team (Parent Link)- All Parent meetings will be scheduled upon request.

https://teams.microsoft.com/l/meetup-join/19%3ameeting_MDUzNWYxN2YtZDJjZi00YTklLWJhMTYtNjUxNTM5YmM3NDE3%40thread.v2/0?context=%7b%22Tid%22%3a%22bfd25eb8-3dfc-4e5c-adab-ad073f23ac72%22%2c%22Oid%22%3a%224f7c7da2-c1b9-4966-9f43-8ffa4acff1bc%22%7d

Friday- * I will meet with student or parents upon request*

Course Description:

An unmanned aerial vehicle (UAV) (or uncrewed aerial vehicle, commonly known as a drone) is an aircraft without a human pilot on board and a type of unmanned vehicle. UAVs are a component of an unmanned aircraft system (UAS); which include a UAV, a ground-based controller, and a system of communications between the two. The flight of UAVs may operate with various degrees of autonomy: either under remote control by a human operator, autonomously by onboard computers or piloted by an autonomous robot.

Course Objective FOA:

- Drones Privacy
- FAA Regulations



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- Drones Safety

Course Objective Flight Operations:

- Climate and seasonal changes of the earth's atmosphere
- Relationship between air pressure, temperature, and density.
- Airplane systems and components

Class Behavior Expectations:

The following are rules/expectations that will be honored by each student in the classroom:

1. Be respectful of yourself, each other, and teachers/staff.
2. Come prepared and a ready to learn.
3. Be on time, complete work to the best of your ability.
4. Abide by Digital Citizenship expectations.

Consequences:

Students who are disrespectful or violate digital class rules will be subject to the following:

- Step 1 – Verbal Warning
- Step 2 – Parent/Guardian Phone Call
- Step 3 – Referral in SWIS to Administration

Daily Procedures (Daily Routines):

It's Learning- is our school district digital learning management system. It is accessible through your student portal RCPS

- <https://rockdale.itslearning.com/>

Late Work:



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- Zeros will be entered for all missing assignments as they are graded with a note about what work must be submitted so that parents and students are aware.
- Students have a minimum of 5 school days from the original due date to complete the plan on a late work submission request and submit the late work.
- If you are turning in late/missing work you **MUST EMAIL ME** (jroach@rockdale.k12.ga.us) when you turn it in, otherwise it will not be seen and graded **(IT IS THE STUDENT RESPONSIBILITY)**

Cell Phones/Distractions: Student cell phones and other devices should not be a distraction during class.

Remediation/Grades- It is the student's responsibility to contact me for remediation. However, If I noticed that a student is not doing well, I will ask if they need additional help. (We are in this together) I will contact parents if student grade drops below a 75.

Grading System

Formative Assessment 65% (daily grades, quizzes, dress for success, etc)

Summative Assessment 35% (final projects, major tests, etc)

Final Exam 20% (of final grade)

Formative + Summative = 80% of final grade + final exam = 20% of final grade

Grading Scale:

A = 90 – 100

B = 80 – 89

C = 70 – 79

F = 69 and below



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Students with Disabilities:

Rockdale County Schools, in compliance with the American with Disabilities Act of 1990, will make every reasonable accommodation for students with special learning needs, including hearing impaired and visually impaired students and students with diagnosed learning disabilities, as well as other classifications of disability specified in the Act.

Non-Discrimination Policy:

The Rockdale County Board of Education (“Board”) prohibits unlawful discrimination against students because of race, color, national origin, sex, religion, age, disability, or other protected group status or activity (e.g. opposition to prohibited discrimination or participation in the statutory complaint process) in its programs and activities or employment in its programs or activities. In keeping with this commitment, the Board will not tolerate harassment, discrimination, or other unlawful treatment of its students. It is the policy of the Board to comply fully with the requirements of Title VI, Title IX, Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act and all accompanying regulations. As set forth herein, the Board designates the following employee of Rockdale County Public Schools (“District”) to handle inquiries regarding the District’s non-discrimination policies

Signature Page

Note to Parent/Guardian:

Please sign below as verification that you have received, read, and agree to follow the syllabus for Flight Operations and that you understand the criteria established for the course. My primary interest is in providing a positive educational experience for your student. Please provide me contact information so that I can keep you updated of your student’s progress.

I, student’s full name here, have read and understand the course syllabus for RCA, Flight Operations and I agree to fulfill these duties and responsibilities including the Rockdale Career Academy Rules and Guidelines.

Student Signature



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X _____

I, Parent/Guardian Full Name Here, have read the syllabus and policies and understand what is expected of my child. I will work cooperatively with Mrs. Roach to ensure the success of my child in this class.

Parent Signature

X _____

Parent/Guardian's Contact Information:

Parent/Guardian's Name: _____

Preferred Email: _____

Preferred Phone Number: _____