

Syllabus Arrow Aerospace & Drones

Mrs. Kathy Ingram

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Goal: Prepare students for careers in the unmanned aircrafts systems (drones) aerospace/aviation industry, by providing pathway instruction and exposure, hands-on UAS experience, and certification preparation.



Materials

These are items that you will be using in class most days

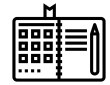
- ☐ **Pen or Pencil**
- ☐ **Notebook Paper:** for taking notes
- ☐ **3 Ring Binder:** We will add notes and worksheets to this weekly.
- ☐ **Drones:** I have applied for a grant to provide these. At times I may allow students to use their own if they have one.



Technology

- ☐ Laptop or Chromebook
- ☐ Smart Phone (for apps)

These are optional for class. I will use my laptop and apps during class time to access the needed resources.



Units

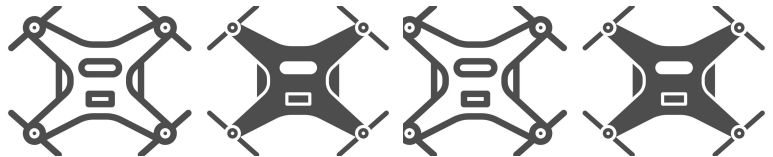
Aeronautical units will be taught throughout the semester and students will build necessary drone skills progressively throughout the year..

Semester 1

- Aviation weather theory
- Aviation weather services
- Airport operations
- Aeronautical charts and airspace

Semester 2

- Introduction to drones & UAS operations
- Operational decision making
- Becoming a commercial sUAS pilot
- From theory to practice: planning & executing a mission



Absences and Makeup Work

- If you are absent from class, YOU are responsible for getting and making up any missing work
 - I use Google Classroom & will place each week's notes, worksheets, etc. there on Thursday mornings. This is the best method so you stay caught up.
 - If you don't use Google, pick up the assignment the week you return. This is not ideal because you probably won't be prepared for the activities planned for the day you return.



Late Work

- Students who have not yet completed the week's packet may not be allowed to participate in their returning to class day's activities.



Procedures and Expectations

→ Be prepared

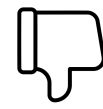
- Turn in assignments on time
- Check Google Classroom when absent

→ Participate in class daily

- Work hard
- Ask questions
- Limit distractions (including with technology)

→ Be respectful and understanding of classmates and me

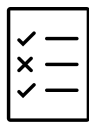
- Listen when others are speaking
- Conduct yourself appropriately



Consequences

If a student chooses not to meet these expectations, the following consequences will be followed:

- ☐ **Verbal Warning**
- ☐ **Parent Contact**
- ☐ **Administrative Referral**



Additional Policies

→ NO PHONES - EXCEPT when accessing aviation apps



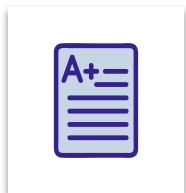
- **No warnings** will be given - if the phone is being used, **it will be taken.**
 - ◆ If phone use becomes an issue, it will find a permanent home on Mrs. Ingram's desk.
- This includes no airpods in ears during class activities.

→ Food/Drinks - Please no food or drink in the classroom.



- There will be days that we are outside so you may want to have an easy to carry/no spill bottle of water on campus with you.

→ Grades -



- I will record grades for activities and assignments done in the academy setting in order to provide those to parents who wish to keep a grade record.



Plagiarism

→ Just don't. Seriously.

- I expect your work to be original, and plagiarism will not be tolerated under any circumstances
- You will receive a zero for any assignments that are plagiarized, a write up, and a parent contact.

Is it plagiarism? A quiz:

- ☐ Did you, at any point, copy and paste it from the internet?
☐ **A: Yes.**
- ☐ Is it someone else's ideas that you reworded?
☐ **A: Yes.**
- ☐ Did you take another student's work and reword it?
☐ **A: Yes**

