

Mr. Nathan Walker
ID11 Drone Technology I High School Room 501

Dear Parents/Guardians:

This course is designed to prepare students to become a commercial drone pilot. In order to become a commercial drone pilot, the students will need to obtain the following requirements: FAA 14 CFR part 107 certification, NC UAS Operator Permit and pass NC Knowledge test for drones. This class will prepare students to pass the tests and understand the paperwork needed to become a commercial drone pilot. Students will also be flying drones outside on the football field and will keep a drone flight log and checklist just as any aviation pilot in the commercial industry.

There will be a final exam for this class, and it cannot be exempt. My grading will consist of the following:

Class Participation: 50% - Testing/Projects: 40% - Homework: 10%

These numbers are not set-in stone; I may alter these numbers to fit the skill level of each class. My class rules are posted in my room and are discussed with the students on the first day. I believe in running a well-organized class with as little disruptions as possible. My rules, procedures, reward systems are listed below:

RULES FOR SUCCESS!

1. BE ON TIME
2. BE PREPARED FOR CLASS
3. BE RESPECTFUL TO THE TEACHER AND OTHER STUDENTS
4. COMPLETE ASSIGNMENTS
5. CHAIRS ARE NOT TO BE USED AS TRANSPORTATION

CONSEQUENCES

1. WARNING
2. RELOCATION
3. PARENT CONTACT
4. LUNCH DETENTION
5. PARENT, TEACHER, ADMINISTRATOR CONFERENCE (Severe)
6. REFERRAL TO OFFICE (Severe)

Classroom Procedures:

1. Students will have materials ready for class when class begins.
2. Students can use the restroom on an emergency basis or at the teacher's discretion.
3. Only one person is allowed out of my class at any given time with a hall or restroom pass.
4. All students that use a bathroom or hall pass must sign a hall/restroom log.
5. There will be no food, drinks and chewing of gum allowed in my classroom.
6. Students will work productively in groups to complete group work.
7. Students are not allowed to play games on Chromebooks or the computers in the lab.
8. Cell Phones must be turned off and out of sight.

Course Objectives

- 1.00 Understanding Drones

- 1.01 Understand the history of Drones
- 1.02 Understand careers in the drone industry
- 1.03 Understand 21st century skills needed by professional in the drone industry
- 2.00 Apply procedures to troubleshoot Drone hardware
- 2.01 Understand the functions and relationship components that make up a drone
- 2.02 Apply procedures to troubleshoot Drone hardware
- 3.00 Understand the requirements for FAA 14 CFR Part 107 and NCDOT UAS Operator Permit
- 3.01 Understand regulations concerning drone use
- 3.02 Understand airspace classifications and operations requirements in the drone industry
- 3.03 Understand weather related requirements concerning drone use
- 3.04 Understand loading and performance requirements in the drone industry
- 3.05 Understand drone operations
- 3.06 Understand NC UAS Drone Operator requirements
- 4.00 Apply procedures needed for basic Drone flight
- 4.01 Apply procedures for manual drone flight
- 4.02 Apply procedures for drone flight software
- 4.03 Apply procedures for drone mapping software

Tardy Policy

THIS IS PER CLASS PERIOD, PER SEMESTER:

- 1st tardy = Warning
- 2nd tardy = Warning
- 3rd tardy = ½ day ISS
- 4th tardy = Full day ISS
- 5th tardy = ISS until parents meet with Administration
- 6th tardy = Principal discretion

Reward System:

Compliments

Students are complimented on their hard work and ability to followed teacher instructions. Every student in my class is continually encouraged to complete all activities and projects. I will compliment students that demonstrate excellent work and workmanship.

Positive Reinforcers That Could Be Given To a Student:

- 1. A Positive note will be sent home to the parents/guardians.
- 2. A Positive phone call home.

This is a contractual agreement between me, the instructor, the student as primary agent and the parent(s) and/or guardian(s) of the student as secondary agents. Your signature is your statement that you have read the classroom management policy and are committed to adherence and enforcement of said policy.

Students: I have read Mr. Walker’s classroom management policy. I understand Mr. Walker’s procedures and will honor them while in his classroom.

Signature: _____

Date: _____

Parents/Guardians: I have read and discussed this with my child and will support this plan. I will be involved in my child’s education and I understood what I read.

Signature: _____

Date: _____