



CTE ACADEMY  
AVIATION

## *Intro to Aviation Fall 2017*

### **GENERAL INFORMATION**

Instructor: Laureen Mehlert

Office: B110 or A127

Email: Laureen.Mehlert@k12.sd.us

Class: Mon-Fri: 1:20 – 3:00 pm

Welcome to Intro to Aviation! I am very excited for the opportunities that this school year holds! This semester is going to be a time of learning, exploration, challenge, and being creative. It will require active participation and effort, and the rewards will be great!

### **COURSE DESCRIPTION**

This class exists to help fulfill CTE Academy's mission of educating and preparing our students for future success, especially in the field of aviation. This class will lay the foundation of introductory aviation knowledge and expose students to the immense and varied opportunities in the field of aviation. This class will use a variety of methods including lecture, hands on experiments, guest speakers, field trips, and group work to help students investigate, examine, and learn about the many facets of aviation.

### **TOPICS COVERED**

Throughout the semester we will cover a wide variety of topics.

- History of aviation
- The community within aviation
- The science of flight
- The flight environment
- Aircraft and their systems
- Weather
- Airports
- Navigation
- Physiology in flight
- Space & rocketry



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There will also be opportunities presented to get involved with our area's aviation community. In addition, we will be looking at career opportunities and their respective paths, such as pilot, aircraft mechanic, Air Traffic Controller, FBO operator, aero-engineer, and meteorologist, to name just a few.

### **EXPECTATIONS**

This class will function the best when all participating gives their best effort every day. We are exploring a professional topic, which requires the students to be professional and courteous. This also means that they need to be respectful and show good *citizenship*. We will need to conduct ourselves in a professional manner, which includes being *punctual, prepared* and *ready to learn*.

*Students should bring:*

1. A college ruled notebook (in addition to their choice of note taking material) for in class responses, writing, thoughts, etc that they can leave in classroom.
2. Their chromebook.
3. A planner/agenda/calendar
4. Writing utensils

Students will also be expected to take responsibility for their work and actions. As a part of this class, the students will have professionalism/participation points awarded on a daily basis. If a student is absent, consistently tardy, or not participating, their daily professionalism grade will reflect these absences. **The daily grade is worth a possible 10 points.** No points will be given if the student is absent, no matter the reason for the absence. The student may, at the discretion of the Teacher, complete make-up assignments for partial points. In addition, it is the students' responsibility to find time to catch up on any course work they may have missed. Being absent hurts the students' grade, their team, and the project.

Students will be required to access and frequent our ***Google Classroom*** *especially* in the event of a missed class. There will be no tolerance for academic dishonesty, as mentioned in the student handbook.



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### **ASSIGNMENTS & GRADES**

This course uses the Sioux Falls School District grading scale policy:

A = 93-100; B = 85-92; C = 76-85; D = 65-75; F = 64 and below

Late assignments are accepted at a rate of a 5% reduction per day that the assignment is late. For example, if an assignment is due on Monday and a student fails to turn in the project until Wednesday, the maximum grade the student can receive is a 90%. After two weeks, no late assignments will be accepted without further discussion with the Instructor.

It is the students' responsibility to monitor grades in Campus Portal. If there are questions or concerns about grades, the student must make an appointment with the Instructor before or after class, during lunch, or before or after school. **DO NOT ASK THE INSTRUCTOR ABOUT YOUR GRADE DURING CLASS.**

The Instructor will not be rounding grades.

The grading will be points based and balanced between in-class work, homework, professional/participation points, projects, and assessments; including quizzes and tests.

Grades will be kept as up to date as possible and any concerns should be addressed as soon as possible.

**Communication is KEY!** If there are any doubts, concerns, issues, misunderstandings, etc – the best tool is communication!



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*Please return to Mrs. Mehlert by* \_\_\_\_\_.

I have read and understand the guidelines and procedures for Mrs. Mehlert's Intro to Aviation class and have shared them with my parents.

Student's name: \_\_\_\_\_

Student's signature: \_\_\_\_\_

Parent's signature: \_\_\_\_\_

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Thank you! I look forward to working with you and your student this year.