

**FLGHT 102 AVIATION HISTORY** (54296) Fall 2018

**Instructor:** Jason Asman e-mail: [jason.asman@reedleycollege.edu](file:///C%3A%5CUsers%5Cja018%5CDesktop%5CFLGHT%20102%20History%5Cjason.asman%40reedleycollege.edu)

Office Phone: (559) 638-0300 ext. 3243 Office Location: Aero building room 8

**CLASS LOCATION:** Aero building, room 3

**DAILY SCHEDULE:** T – Th. 8:00am – 8:50am.

Final Exam: Dec.11, 8:00am – 9:50am

**OFFICE HOURS:** Monday1:30 – 2:30pm, Tue – Thurs. 1:30 – 2:00pm

**HOLIDAYS (NO CLASS):** Sep. 3 Labor Day

 Nov. 12 Veterans Day

 Nov. 22-23 Thanksgiving

**IMPORTANT DATES:** Aug 24 last day to drop and get a full refund

 Aug 31 last day to drop and not receive a “W” grade

 Oct 12 last day to drop but will still receive a “W” grade

**REQUIRED TEXTBOOKS:** Aviation History, Jeppesen, 1999

**CANCELED CLASS NOTIFICATION:** If this class has to be cancelled, a cancellation notice will be placed on the classroom door. In addition, the cancelled class will be posted on the Reedley College website.

**CATALOG DESCRIPTION:** The Aviation History lecture course provides a historical view of aviation from the 1700's through the modern era. Some of the topics covered will include Early Aviation, The Wright Brothers, Early Flight, World War I, Peace Time Aviation, Golden Age of Aviation, World War II, Cold War, Space Age Aviation, and Modern Aerospace. 2 credits

**COURSE ADVISORIES:** Eligibility for English 125 or 130, English 126, and Mathematics 201.

# COURSE CONTENT:

# Student Learning Outcomes:

*Upon completion of this course, students will be able to:*

* 1. Analyze historically significant periods in aviation.
	2. Evaluate technological advancements in aviation and their significance to the modern era.
	3. Compare historical events in aviation and their impact on the current aviation industry.

# Objectives:

*In the process of completing this course, students will:*

1. Assess the significance of the jet aircraft on the aviation industry.
2. Evaluate the significance of aviation on the modern world.
3. Identify historically significant persons in aviation.

# Lecture Content:

1. Early Aviation, 1783-1914
	1. Invention of aviation 2.Balloons and dirigibles 3.Airships
2. The Wright Brothers, 1896-1914
	1. Heavier than air 2.Wright brothers 3.Wright patent

4.Wright airplanes

1. Early Flight, 1904-1914
	1. Airplanes and airmen in Europe 2.American developments 3.Flying competitions 4.Aviation industry
2. World War I, 1914-1019

1.Airships 2.Dirigibles and balloons 3.Military airplanes 4.Aircraft production 5.Armistice and peace

1. Peacetime Aviation, 1919-1927
	1. Distance flying 2.Airships 3.Barnstorming and competing 4.Airlines and airmail
2. Golden Age, 1927-1939
	1. Charles Lindbergh 2.Adventure and sport 3.Commercial airlines 4.Aviation radio 5.Military aviation
3. World War II, 1939-1945
	1. Emergency and response 2.Military R&D 3.Western air war 4.Pacific air war

H. Cold War, 1945-1958

1.Resumption of civil aviation 2.Commercial aviation 3.Hot spots 4.Rockets & missiles

1. Space Age Aviation, 1959-1989
	1. Space race 2.Jet age 3.Cold war continues 4.Private & general aviation
2. Modern Aerospace, 1990-
	1. General and commercial aviation 2.Military aerospace 3.Space exploration 4.Future of aviation.

**Grading Policy:**

Quizzes --------------------------------------------------------------------------------------------------------- 10 %

Research Projects -------------------------------------------------------------------------------------------- 30 %

Essays ----------------------------------------------------------------------------------------------------------- 30 %

Class participation -------------------------------------------------------------------------------------------- 10 %

Final Exam ------------------------------------------------------------------------------------------------------ 20 %

COURSE TOTAL -------------------------------------------------------------------------------------------- 100 %

Grading Scale: 90% and above = A

80% and above = B

 70% and above = C

 60% and above = D

Below 60% = F

Scores will not be rounded up - i.e. 89.99% = B

There is no extra credit in this course.

**GRADING SYSTEM:**

**Quizzes -** All Quizzes are “Open-Note” in that students may use their lecture notes to answer the quiz questions during the quiz. Quizzes will typically be administered at the beginning of every class where the previous day included lecture. The grade value of each quiz will be based on the amount of lecture material evaluated.

**Essays -** There will be three Essays. See handout for instructions and grading rubric.

**Research -** There will be three Research projects. See handout for instructions and grading rubric.

**Class Participation -** Class Participation will be assessed every class meeting using:

Syllabus standards

Obvious non-learning behavior

Points each day

**Final Exam -** The Final Exam is “Closed-Book” in that students may not refer to any document during the test. All answers must come from memory. Test questions will be multiple-choice, fill-in, and multiple sentences. All questions will be from lecture material and textbook reading assignments. The grade value of each test will be based on the amount of lecture material evaluated.

**ATTENDANCE POLICY:**

The intent of this attendance policy is to ensure:

1. The student gains the most from the learning experience of this course and is present to learn.
2. The student learns the typical attendance responsibilities when employed as a pilot.

Graded activity will occur nearly every class meeting. Students are expected to meet in the classroom for roll call no later than 8:00am each class day. Each late arrival (tardy) which is not excused will reduce the student’s overall grade by 1 point per day. An unexcused absence on any day will reduce a student‘s overall grade by 1 point.

Reading assignments, homework, test dates, etc. may be verbally changed and announced during any class meeting. Students are expected to attend all scheduled class meetings, be punctual, write down verbal directions, and then follow all verbal and written directions. It is the student’s responsibility to find out what was missed if the student is late or absent.

If a late arrival or absence occurs and is excused, the student has 7 calendar days to make-up all graded activity or a zero will be assigned to that activity. If it was an unexcused late arrival or unexcused absence, then the student has 7 calendar days to make up the work at half (50%) credit. It is the student’s responsibility to ask the instructor to accomplish make-up graded activity.

**STUDENT PARKING:** Reedley College parking permits are required for all vehicles on the Reedley College campus. Students will park only in non-staff designated parking areas. An overflow parking lot on the west side of the campus is also available for parking. Students may purchase a parking permit from the business office in the Student Services building for each semester while attending class. Any violation of the above rules may result in a ticket.

**STUDENT CONDUCT STANDARDS:** Respect for the rights of others and for the College and its property are fundamental expectations for every student.  The “Student Conduct Standards” outlines behavioral expectations, and explains the process for responding to allegations of student misconduct. Students who do not comply with the “Student Conduct Standards” are subject to the College disciplinary actions. The Student Conduct Standards can be found at **http://www.reedleycollege.edu/index.aspx?page=233**

**BEHAVIOR:** Any behavior which disrupts other student learning will not be tolerated. Here are some examples of inappropriate in-class behavior:

1. Eating of any kind in class or lab. Covered drinks are allowed in class and in the designated area in lab only

2. Using foul language

3. Total of student voices being louder than the instructor

4. Cell phones ringing or texting during class

5. Horseplay

6. Discriminatory or harassing remarks based on gender, age, national origin, race, or

 religion, or disability.

**ACADEMIC DISHONESTY:** Students at Reedley College are entitled to the best education that the college can make available to them. Students, their instructors, and their classmates share the responsibility to ensure that this education is honestly attained. Because cheating, plagiarism, and collusion in dishonest activities erode the integrity of the college, each student is expected to exert an entirely honest effort in all academic endeavors. Academic dishonesty in any form is a very serious offense and will incur serious consequences.

*Cheating*is the act or attempted act of taking an examination or performing an assigned, evaluated task in a fraudulent or deceptive manner, such as having improper access to answers, in an attempt to gain an unearned academic advantage. Cheating may include, but is not limited to, copying from another’s work, supplying one’s work to another, giving or receiving copies of examinations without an instructor’s permission, using or displaying notes or devices inappropriate to the conditions of the examination, allowing someone other than the officially enrolled student to represent the student, or failing to disclose research results completely.

*Plagiarism*is a specific form of cheating: the use of another’s words or ideas without identifying them as such or giving credit to the source. Plagiarism may include, but is not limited to, failing to provide complete citations and references for all work that draws on the ideas, words, or work of others, failing to identify the contributors to work done in collaboration, submitting duplicate work to be evaluated in different courses without the knowledge and consent of the instructors involved, or failing to observe computer security systems and software copyrights. Incidents of cheating and plagiarism may result in any of a variety of sanctions and penalties, which may range from a failing grade on a particular examination, paper, project, or assignment in question to a failing grade in the course, at the discretion of the instructor and depending on the severity and frequency of the incidents.

**DOING WELL IN THIS COURSE:** To learn the most from this course, the instructor suggests the following techniques:

1) Maintain punctual and perfect attendance.

2) Show up prepared (having read text, studied for tests/final exam, and brought equipment (notepaper, lecture notes, pencils, pens, erasers) to class.

3) Study alone and participate in a study group three times per week (every week) to do practice questioning for each test/exam.

4) Read and follow all verbal & written (syllabus, exams, homework, project) instructions.

5) Use a day planner and refer to schedule of class activities.

6) Get a good night’s sleep, eat healthy, exercise, and stay hydrated.

7) Ask the instructor for additional help.

**PROBLEMS:** Personal problems that affect your academic performance must be brought to the attention of the instructor immediately. *Problems must be worked out in advance*. Doing poorly on a graded activity or not showing up for a graded activity cannot be fixed “after the fact.”

**CELL PHONE, TABLETS, LAPTOPS:** No use of Personal Electronic Devices (PED) (such as cell phones, tablets) in class (laptops/tablets may be used to take notes in class) or in lab without prior instructor permission.

**STUDENTS WITH DISABILITIES/SPECIAL ACCOMMODATIONS:** If you have a verified need for an academic accommodation or materials in alternate media (i.e., Braille, large print, electronic text, etc.) per the Americans with Disabilities Act (ADA) or Section 504 of the Rehabilitation Act, please contact me as soon as possible.

