**Reedley College Flight Science Program**

**FLGHT - 101 (56306) PRIVATE PILOT GROUND SCHOOL (LECTURE) Spring 2016**

**Instructor:** David Finke e-mail: david.finke@reedleycollege.edu Phone: (559) 638-0300

**Office Hours:** Office Location: Aero 7

**Class Location:** Meets in Aero 5A & 5B **Daily Schedule:** Lecture: 1:20 – 3:10pm

**Holidays:** January 18th - Martin Luther King Jr.; February 12th - Lincoln's Day; February 15th - Washington's Day;

**Important Dates:** Drop date with refund is Jan 22th. Drop date to avoid a “W” is January 18th. Last day to drop without receiving "F" grade is January 29th.

**Course Advisories:** Eligibility for English 125 or 130, and English 126, and Mathematics 201.

**Course Co-requisites:** None

**Course Objectives:** The purpose of this course is to meet a portion of the Federal Aviation Administration requirements for certification as a Private Pilot

**Course Content:** This lecture course will cover a variety of subject areas required by the Federal Aviation Administration as part of the Private Pilot certification requirements. Topics include: Fundamentals of Flight, The pilot training process, Airplane systems, Aerodynamic principals, Flight operations, The flight environment, Communications and flight information, Aviation weather, Meteorology, Interpreting weather data, Aircraft performance and Navigation, Integrating pilot knowledge and skills, Applying human factors principles, Cross country flight.

**Course Outcomes:** Upon completion of this course, students will be able to: Analyze how the aircraft instruments provide information regarding the airplane’s attitude, direction, altitude, and speed, Evaluate how day-to-day weather elements like clouds, wind, and rain affect flight operations and interpret graphic weather products such as surface analysis, weather depiction, and prognostic charts, Explain the effect of weight and balance on aircraft performance and safe flight, Describe the use of navigation charts for proper cross country flight planning, Exhibit situational awareness and decision making skills.

**Canceled Class Notification:** If a FLGHT class has to be cancelled, a cancellation notice will be placed on the classroom door.

**Final Exam:** A comprehensive final exam worth 40% of your total grade will be given at the end of the semester. You are required to take the final exam, however the final exam will not affect your FAA grade. Your final exam will be on March 11th.

**Required Textbooks:**

1. Jeppesen. *Guided Flight Discovery – Private Pilot*, ed. Jeppesen, 2013

***Recommended* Textbooks:**

1. Jeppesen. Private Pilot FAA Airman Knowledge Test Guide. Jeppesen, 2016
2. Jeppesen. FAR/AIM 2016. Jeppesen, 2016
3. FAA-H-8083-25A. Pilot’s Handbook of Aeronautical Knowledge. FAA 2003

**Grading Policy:** Because the FLGHT program is both a community college and a FAA approved curriculum at the same site, two grading systems are used. The subject area grade required by the FAA is determined by a pass/fail test (70% required to pass FAA written exam if you chose to take it). For your final community college grade, it will include the following; the scores for each of the quizzes (40% of your grade), classroom work (5% of your grade), class room participation (5% of your grade), written assignments (10% of your grade), and a final exam (40% of your grade).

.

**Letter Grade scale is as follows:** 100%-90% = A 89%-80% = B 79%-70% = C 69%-60% = D 59% and below = F.

**Attendance Policy:** Students are expected to meet in the assigned area for roll call no later than **1:20 pm** each day.

**Student Parking:** Reedley College parking permits are required for all vehicles on the Reedley College campus. Students will park only in designated parking areas. An overflow dirt parking lot on the west side of the campus is also available for parking if the weather permits. Parking is not allowed anywhere near the Aero Building. You may purchase a parking permit from the cashier in the Student Services building for each semester you attend class. Parking permits cost $20 each. You must display the parking permit in your front windshield or hang it from your rear view mirror. Any violation of the above rules may result in a ticket.

**Behavioral Standards:** Please do not enter the classroom while another class is in progress. Please respect other persons and their property. Any disrespect to others may result in disciplinary action. Disruptive behavior, inappropriate language, or anything that could be viewed as sexual harassment is not acceptable. No food or drink is allowed in the FLGHT classrooms or laboratory except in designated areas. The use of *any* form of tobacco is only permitted outside the South side of the Aeronautics building; please help keep that area clean. You must not smoke within 20 feet of the building entrance. Always maintain an attitude of safety in the lab. Always receive proper training before operating equipment that you do not know how to use. You are not allowed to use any power tools or equipment unless you have been instructed to do so by your instructor.

**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.

**Technological Gadgets:** Mobile electronic devices such as MP3 players and mobile phones must be silenced and put away during class. There is an exception for tablets and laptops, but these devices are only allowed to be used in class during lecture and discussion for note taking. Computer use for note taking must be approved by the instructor and proof of those notes will be periodically checked by your instructor. If this privilege is abused or computer use becomes distracting, the instructor will suspend this privilege. Mobile phone conversations, including texting, are distracting in the classroom setting and are not allowed. Please wait until break to use your phones.

**Special Needs Requests:** 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.