Instructor: Kevin Nelsen
Phone: 253-833-9111 ext. 4708
Office Hours: 09:00 – 10:00 M-F
Faculty Room: TC-133
Email: knelsen@greenriver.edu
Web Site: http://www.instruction.greenriver.edu/aviation

Course Description:
Includes aerodynamics, navigation, weather, communications, regulations, flight physiology, weight and balance and other subjects preparatory to the FAA Private Pilot written exam.

Materials for Course:
Text: The Complete Private Pilot, ASA
Private Pilot Test Prep, ASA
Seattle Sectional Chart
Flight Computer: Manual or Electronic
Navigation Plotter
FAR/AIM

Learning Objectives:
The student will obtain the necessary aeronautical knowledge and meet the prerequisites specified in Part 61 of the Federal Aviation Regulations for the private pilot certificate. This class is taught using the lecture and discussion method. Stage tests are given following each stage and a final comprehensive examination is given.

Instructional method: Lecture, video presentation, computer data projection and discussion. Study assignments may be done on in-class computers or at home.

Student Code of Conduct:
Refer to GRCC catalog (2006-2008) pages 215-224
Course Outline:

Stage 1  Basic Aerodynamics
Stage 2  Aircraft Systems
Stage 3  Flight Instruments
Stage 4  Regulations
Stage 5  Procedures and Airport Operations
Stage 6  Weather
Stage 7  Weather Services
Stage 8  Weight and Balance, Performance
Stage 9  Enroute Flight (lesson 9)
          Navigation (lesson 10)
          Communication Procedures (lesson 11)

Test at the end of each stage plus a comprehensive final.

Campus wide Outcomes: Green River Community College has identified ability areas that we believe encompass knowledge and are the most important skills, behaviors, attitudes, and values that students will need in order to be successful after leaving the college. Among these ability areas, this class will address Responsibility, Quantitative/Symbolic Reasoning, Critical Thinking, and Written & Oral Communications. Outcomes in these ability areas and where they will be demonstrated in your work are listed below.

Responsibility:
1. Student demonstrates a knowledge of and a willingness to accept stated/agreed upon expectations, policies, behavior, and procedures.
2. Student demonstrates accountability (punctual and ready to learn), integrity (does own work and pulls own weight in collaborative tasks), initiative (seeks help when needed), and tolerance (develops awareness of own biases).
3. Student actively and appropriately interacts with others respecting everyone's opinion.
Demonstrated by preparedness for lectures and discussions, handing assignments in on time, and group accountability.

Quantitative/Symbolic Reasoning:
1. Student evaluates and interprets information / data.
2. Student recognizes which processes or methods are appropriate for solving a given problem, and correctly implements those processes.
3. Student demonstrates the ability to estimate a solution to a presented problem
4. Student translates data into various formats such as graphs, tables, formulas, and sentences.
   **Demonstrated through your answers in class, on projects, homework, and tests.**

Critical Thinking:
1. Student provides reasons for the conclusions they reach and assess the relevance and adequacy of those reasons.
2. Student connects past learning with current topics.
   **Demonstrated through your explanations in class, on projects, assignments, and tests.**

Written & Oral Communications:
1. Student demonstrates involvement with the material by expressing a clear sense of purpose, unity, and focus in their writing or speaking.
2. Student demonstrates clear organization of their thoughts in written and oral communications.
3. Student demonstrates well-organized and logical writing with correct grammar and spelling.
   **Demonstrated in projects, test answers, and class and group participation.**

Special Needs:
If you need course adaptations or special accommodations because of a disability, if you have emergency medical information, or if you have special accommodations that need to be shared with me in the event that the building needs to be evacuated, please contact me. If you use an alternate medium for communicating please let me know as soon as possible so that appropriate accommodations can be made. Disability support services is located in LSC 277 and may be contacted at: 253-833-9111, ext. 2631 or TDD at 253-288-3359.
Tests:

9 tests 100 points each 900
Simulator Attendance: 200 points 200
Final Test 200 points 200
1300 points

Even though attendance is not being graded as an individual component of the class, the instructor will consider the student’s attendance as part of the overall class grade.

Simulator requirements:

5 total hours:

1 hour – Basic flight controls and instrument orientation
1 hour – Basic flight maneuvers (slow flight, stalls and steep turns)
2 hours – Basic radio navigation
1 hour – Basic cross-country flight

All simulator students should be aware of the following policy regarding “no shows”:

After the second “no show” you will be removed from the simulator reservation system and must contact George Comollo in writing to request reinstatement.

NOTE: You may finish this course in one of two ways:

Part 141 completion requires 80% on each individual test. Three re-takes are allowed for the entire course, but the final cannot be retaken. You will receive a graduation certificate to take the FAA exam. Attendance is required.

Non-Part 141 completion of the class requires the minimum GRCC passing grade. Retakes available are the same as Part 141. You will receive an instructor endorsement to take the FAA exam if the instructor finds the student qualified.

Grading Policy:

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### Attendance/Absence/Tardiness Policy:

Attendance is expected. Any absence must be approved by the instructor. Students will find that their academic standing in a situation where absences are incurred is jeopardized. However, students WILL NOT be penalized because of sickness/emergency or college approved absence. An absence will not excuse a student from completing all prescribed class and course requirements. One point from your final grade will be deleted for each unexcused class absence. Students who are habitually late or absent from class may be penalized the class participation percentage of their final grade.

### Exams

All exams must be taken on the assigned date. Unless a prior arrangement is agreed with the instructor, a no-show will be considered a failing grade for that particular exam. Any exam taken late, will be penalized 10 points for every late day.

### Makeup Examinations/Quizzes:

Makeup examinations/quizzes are provided for excused absence only. The student is responsible to coordinate with the instructor to take any examination or quiz missed. If an examination/quiz is not made up the student WILL NOT receive credit for that examination/quiz in the computation of the final grade (it will be designed a grade of “0” in the computation). All examinations/quiz materials will be retained by the instructor.
Class Notes:

- Cell phones will not be allowed to be “ON” in class.

- Chatting or laughing about subjects other than those pertaining to class will not be tolerated. Please respect your fellow students.

- If you are late, please come in quietly and sit at your station.

- Browsing the internet while a lecture or other instructional activity is in progress will not be permitted. One letter grade will be deducted from grade if caught playing or doing work not related to class. If excessive abuse of this policy persists, the student will be asked to leave the class.

- No food will be allowed in the classroom.