ARIZONA WESTERN COLLEGE
SYLLABUS

AVN 270 PRIVATE PILOT KNOWLEDGE TEST PREP CAPSTONE

Credit Hours: 3 Lecture: 3

PREREQUISITE: None

Course Description
Integrates and reviews the aeronautical knowledge developed throughout the Private Pilot ground-school sequence. Students complete FAA-style knowledge assessments, scenario-based review, and an integrated VFR planning capstone designed to demonstrate readiness for the FAA Private Pilot Airplane Knowledge Test, subject to applicable FAA eligibility and endorsement requirements.

1. COURSE GOALS
   1.1 Integrate aeronautical knowledge from the Private Pilot ground-school sequence.
   1.2 Identify and remediate individual knowledge deficiencies through cumulative assessment.
   1.3 Demonstrate knowledge-test readiness through comprehensive FAA-style and scenario-based evaluation.

2. OUTCOMES
   Upon successful completion, students will be able to:
   2.1. Apply regulations, airspace, airport, aircraft-system, aerodynamic, weather, navigation, performance, weight-and-balance, and human-factors knowledge to integrated scenarios.
   2.2. Interpret current FAA charts, publications, weather products, and representative aircraft information.
   2.3. Complete representative FAA-style knowledge-test questions across applicable subject areas.
   2.4. Analyze incorrect responses and document remediation of deficient knowledge areas.
   2.5. Prepare and defend an integrated VFR cross-country planning scenario.
   2.6. Apply aeronautical decision-making and risk-management principles throughout planning and operational scenarios.
   2.7. Demonstrate the course mastery standard established for the ground-training curriculum.

   2.8. Explain the FAA knowledge-test process and the distinction between knowledge-test completion and pilot certification.

3. METHODS OF INSTRUCTION
   - 3.1 Lecture
   - 3.2 Multi-media Presentations
   - 3.3 Group Discussions

4. LEARNING ACTIVITIES
   - 4.1 FAA-Style Knowledge Review Exercises
   - 4.2 Knowledge Deficiency Analysis and Remediation
   - 4.3 Integrated VFR Cross-Country Capstone

5. EVALUATIONS
   - 5.1 Quizzes/Exams
   - 5.2 Assignments
   - 5.3 Participation

6. STUDENT RESPONSIBILITIES
   - 6.1 Under AWC Policy, students are expected to attend every session of class in which they are enrolled.
   - 6.2 If a student is unable to attend the course or must drop the course for any reason, it will be the responsibility of the student to withdraw from the course. Students who are not attending as of the 45th day of the course may be withdrawn by the instructor. If the student does not withdraw from the course and fails to complete the requirements of the course, the student will receive a failing grade.
   - 6.3 Americans with Disabilities Act Accommodations: Arizona Western College provides academic accommodations to students with disabilities through Accessibility Resource Services (ARS). ARS provides reasonable and appropriate accommodations to students who have documented disabilities. It is the responsibility of the student to make the ARS Coordinator aware of the need for accommodations in the classroom prior to the beginning of the semester. Students should follow up with their instructors once the semester begins. To make an appointment call the ARS front desk at (928) 344-7674 or ARS Coordinator at (928) 344-7629, in the College Community Center (3C) building, next to Advising.
   - 6.4 Academic Integrity: Any student participating in acts of academic dishonesty—including, but not limited to, copying the work of other students, using unauthorized “crib notes”, plagiarism, stealing tests, or forging an instructor’s signature—will be subject to the procedures and consequences outlined in AWC’s Student Code of Conduct.
   - 6.5 Texts and Notebooks: Students are required to obtain the class materials for the course.
   - 6.6 Arizona Western College students are expected to attend every class session in which they are enrolled. To comply with Federal Financial Aid regulations (34 CFR 668.21), Arizona Western College (AWC) has established an

Attendance Verification process for "No Show" reporting during the first 10 days of each semester. Students who have enrolled but have never attended class may be issued a “No Show” (NS) grade by the professor or instructor and receive a final grade of “NS” on their official academic record. An NS grade may result in a student losing their federal financial aid. For online classes, student attendance in an online class is defined as the following (FSA Handbook, 2012, 5-90):

- Submitting an academic assignment
- Taking an exam, an interactive tutorial or computer-assisted instruction
- Attending a study group that is assigned by the school
- Participating in an online discussion about academic matters
- Initiating contact with a faculty member to ask a question about the academic subject studied in the course