



MASTER COURSE OUTLINE

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COURSE TITLE

PRIVATE PILOT FLIGHT (STAGE 3)

GENERAL COURSE INFORMATION

Dept.: AVF

Course Num: 143

(Formerly:)

CIP Code: 49.0102

Intent Code: 21

Program Code:

Credits: 4

Total Contact Hrs Per Qtr.: 44

Lecture Hrs: 44

Lab Hrs:

Other Hrs:

Distribution Designation: General Elective

COURSE DESCRIPTION (as it will appear in the catalog)

Scheduled flight time, ground critique, discussions, and observation time; both dual and solo flights. Instrument flight training is integrated with all phases of flying. Includes simulator time.

PREREQUISITES

AVF 141

TEXTBOOK GUIDELINES

Aircraft Flight Manual for B19/C23 by Beechcraft

Airplane Flying Handbook by FAA

Professional Pilot Course Handbook by BBCC

Private Pilot Practical Test Standards by FAA

COURSE LEARNING OUTCOMES

Upon successful completion of the course, students should be able to demonstrate the following knowledge or skills:

1. Pass the practical test for the Private Pilot Certificate, Airplane-Category, Single engine land-class.

INSTITUTIONAL OUTCOMES

COURSE CONTENT OUTLINE

1. REVIEW

The student shall review those maneuvers, including take-offs and landings, that have been previously introduced.

2. REVIEW

The student shall review and practice the flight maneuvers presented so far, concentrating on those specified by the instructor.

3. SIMULATOR INSTRUMENT FLIGHT

Refamiliarize the student with instrument procedures and basic instrument work using both the control and performance method and the primary and supporting method. The student shall review selected maneuvers and procedures, and shall practice use of the VOR and ADF.

4. CROSS-COUNTRY SOLO REVIEW

The student shall plan and complete a cross-country solo to unfamiliar airports* using various modes of navigation, and make all necessary radio communication.

5. REVIEW AND BASIC INSTRUMENT FLIGHT

The student shall review procedures and maneuvers in flight, and shall do climbs, glides, turns, and turns to headings by instrument reference only.

6. CROSS-WIND TAKEOFFS AND LANDINGS (PROFICIENCY)

The student shall gain experience in strong winds and learn to take off and land safely in cross winds.

7. TAKE-OFFS AND LANDINGS

The student shall operate the airplane in the traffic pattern in solo flight, and shall practice take-offs and landings as assigned by the instructor.

8. REVIEW AND VOR

The student shall review maneuvers with special emphasis on any maneuver that has proven troublesome, and shall practice tracking to and from the VOR.

9. REVIEW AND VOR

The student shall review and practice those maneuvers assigned by the instructor. Special emphasis should be given to any troublesome item discovered on the previous lesson.

10. REVIEW

The student shall practice previously learned maneuvers.

11. SIMULATOR PROFICIENCY

The student shall review and practice those maneuvers as assigned by the instructor, including tracking to and from the VOR and ADF.

12. LONG CROSS-COUNTRY

The student shall plan and execute a cross-country solo to two approved airports and return, using various modes of navigation, and making the necessary radio communications. Distance between airport of original departure and one other airport must be 92 or more nautical miles, total distance must be at least 240 NM (preferred route is Coeur d'Alene, Walla Walla, MWH, alternate route Pendleton, Yakima, Moses Lake. However, other routes may be authorized.).

13. REVIEW

The student shall review and practice the basic and precision flight maneuvers learned previously as specified by the flight instructor including VOR. Special emphasis will be placed on those maneuvers that will be on the final flight check.

14. REVIEW AND PREPARATION

The student will perform listed maneuvers and procedures in preparation for the stage check.

15. STAGE 3 FLIGHT CHECK

The student shall demonstrate competency in the specified pilot operations (expect oral questions at intervals during the check).

DEPARTMENTAL GUIDELINES *(optional)*

Evaluation is by demonstration of flight proficiency, written test, and completion of home assignments.

Grading:

Satisfactory performance of maneuvers, procedures, written tests, and home assignments. _____ Pass

Unsatisfactory performance of maneuvers/procedures, written test, or home assignments. _____ Fail

DIVISION CHAIR APPROVAL

DATE