

SYLLABUS
PART I
EDISON STATE COMMUNITY COLLEGE
AVN 213S CERTIFIED FLIGHT INSTRUCTOR GROUND
3 CREDIT HOURS

COURSE DESCRIPTION

Acquire the aeronautical knowledge and teaching techniques required to conduct flight training as a Certified Flight Instructor (CFI). Students will also prepare for the Federal Aviation Administration (FAA) computer-based Fundamentals of Instruction (FOI) and the Certified Flight Instructor Airplane knowledge test. Prerequisite: AVN 203S and/or department permission. Lab fee.

COURSE GOALS

The student will:

Bloom's Level		Program Outcomes
5	1. Comprehend the Fundamentals of Instructing (FOI).	1
3	2. Demonstrate knowledge of the learning process, the teaching process, and methods, and effective communications.	1,8,9,10
3	3. Demonstrate knowledge of lesson planning and flight instructor responsibilities.	1,9
5	4. Comprehend the teaching process as it pertains to ground school subject areas.	1,9
3	5. Demonstrate knowledge of and the ability to teach the technical subject areas covered previously in private and commercial ground schools.	1,7,8,9,10
3	6. Demonstrate the ability to apply the fundamentals of instructing to each subject area.	1,9,10
5	7. Comprehend the teaching process as it pertains to flight operations.	1,9,10
3	8. Demonstrate knowledge of and the ability to teach the flight maneuvers covered previously in private and commercial ground schools.	1,9
3	9. Demonstrate knowledge of collision avoidance and the positive exchange of flight controls.	1,9
2	10. Interpret FAA knowledge test questions.	1
5	11. Perform advanced navigation and performance calculations.	1,3,6
1	12. Identify applicable Federal Aviation Regulations.	1,7
3	13. Complete the FOI and the CFI knowledge tests.	1

CORE VALUES

The Core Values are a set of principles that guide in creating educational programs and environments at Edison State Community College. They include communication, ethics, critical thinking, human diversity, inquiry/respect for learning, and interpersonal skills/teamwork. The goals, objectives, and activities in this course will introduce/reinforce those Core Values wherever appropriate.

TOPIC OUTLINE

1. Fundamentals of Instructing
2. Learning and teaching process
3. FAA computer-based FOI and CFI knowledge tests