

SYLLABUS
PART I
EDISON STATE COMMUNITY COLLEGE
AVN 215S CERTIFIED FLIGHT INSTRUCTOR INSTRUMENT GROUND
3 CREDIT HOURS

COURSE DESCRIPTION

Acquire the aeronautical knowledge and teaching techniques required to conduct flight training as a Certified Flight Instructor – Instrument (CFII). Students will also prepare for the Federal Aviation Administration (FAA) computer-based Certified Flight Instructor – Instruments Airplane knowledge test. Prerequisite: AVN 214S, and/or department permission. Lab fee.

COURSE GOALS

The student will:

Bloom's Level		Program Outcomes
5	1. Comprehend the teaching process as it pertains to ground school subject areas and flight operations.	1,9
3	2. Demonstrate knowledge of and the ability to teach the technical subject areas.	1,9,10
3	3. Demonstrate the ability to apply the Fundamentals of Instruction (FOI).	1,9,10
3	4. Demonstrate knowledge of and the ability to teach instrument flight maneuvers.	1,9,10
2	5. Interpret FAA knowledge test questions.	1
5	6. Perform advanced navigation calculations using instrument flight rules and publications and Apps.	1
2	7. Review applicable Federal Aviation Regulations.	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. Instrument Flight Rules (IFR) as it pertains to flight instructing
2. Fundamentals of Instructing (FOI)
3. FAA computer-based Certified Flight Instructor – Instrument knowledge test.