

SYLLABUS
PART I
EDISON STATE COMMUNITY COLLEGE
AVN 202S COMMERCIAL FLIGHT LAB I
2 CREDIT HOURS

COURSE DESCRIPTION

Apply the concepts learned in the Commercial Ground course to develop the aeronautical skills, flight proficiency, and flight experience necessary to meet the requirements for the Commercial Pilot Certificate. Prerequisite or Co-requisite: AVN 201S, and/or department permission. Lab fee.

COURSE GOALS

The student will:

Bloom's Level		Program Outcomes
5	1. Develop the aeronautical experience to conduct flight in a complex and/ or Technically Advanced Aircraft (TAA).	2
5	2. Perform 5 hours of solo night flight time to include 10 takeoffs and landings to a full stop at a towered airport.	3,6,8,10
5	3. Combine aeronautical experience with complex TAA concepts to conduct cross country flight.	3,7,8
5	4. Perform one Pilot in Command (PIC) cross country flight ensuring the first landing is at least 250 NM from the point of origin with a total distance of at least 300 NM and landings at three different airports.	3,5,6,7,10
3	5. Demonstrate knowledge of advanced navigation systems and autopilot integration.	4,8

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. Flight time required for the Commercial Pilot Certificate
2. Night flying
3. PIC cross country of at least 300 NM with landings at three different airports and the first landing at least 250 NM from the origin of departure