

SYLLABUS
PART I
EDISON STATE COMMUNITY COLLEGE
AVN 205S MULTI-ENGINE COMMERCIAL FLIGHT LAB
1 CREDIT HOUR

COURSE DESCRIPTION

Apply the concepts learned in the Multi-Engine Commercial Ground course to develop the aeronautical skills, flight proficiency, and flight experience necessary in a complex multi-engine aircraft to meet the requirements for a Multi-Engine Commercial Rating. Co-requisite: AVN 204S and/or department permission. Lab fee.

COURSE GOALS

The student will:

| Bloom's Level | | Program Outcomes |
|---------------|---|------------------|
| 5 | 1. Develop the aeronautical skills to conduct flight in a multi-engine aircraft. | 2 |
| 3 | 2. Demonstrate the ability to conduct basic and advanced flight maneuvers in a multi-engine aircraft. | 2 |
| 3 | 3. Demonstrate knowledge and execution of emergency procedures in a multi-engine aircraft. | 2,3,4 |
| 3 | 4. Demonstrate knowledge of multi-engine aircraft systems. | 2,4 |
| 3 | 5. Demonstrate the ability to conduct multi-engine instrument procedures. | 2,4,8 |
| 5 | 6. Develop the skills to complete the FASS multi-engine commercial pilot practical exam. | 2 |
| 2 | 7. Review previously learned maneuvers and operations to commercial pilot standards (ACS). | 2 |
| 2 | 8. Review aeronautical knowledge and pass the practical exam. | 2 |

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. Introduction to multi-engine aircraft
2. Basic, advanced, and emergency procedures
3. Instrument procedures
4. Multi-Engine Commercial practical exam