

Course Information Form (CIF)

Course Code: ALV 128

Course Title: Commercial Instrument I Ground Supplemental

Department: Aviation

Effective Date: Summer 2026

PCS Code: 1.6 - Vocational Skills

CIP Code: 49.0102

Repeatability: 0

Credit Hours

Catalog Notation: 2-0-2

Credit Hour Distribution:

Lecture: 2

Lab: 0

Clinical: 0

Total: 2

General Course Information

Catalog Description

Remedial instruction for the classroom portion of AVI 129.

General Course Objectives

Acquire the knowledge required to pass the AVI 129 stage check.

Minimum Placement Levels

English

None

Reading

None

Math

None

Prerequisites

None

Methods of Evaluation

Written assignments, quizzes, and exams.

Instructional Materials and Additional Supplies

- Instrument Flying Handbook, FAA, Current edition - Other
- Instrument Procedures Handbook, FAA, Current edition - Other
- Federal Aviation Regulations and Aeronautical Information Manual (FAR/AIM), FAA, Current edition

Course Content

General Learning Outcomes (GLOs)

- Communication: Students will demonstrate the ability to read, write, listen, and speak effectively.
- Technology: Students will demonstrate the ability to evaluate, select, and appropriately use current and emerging tools.

Course Segments and Student Learning Outcomes

Course Segment	Learning Outcomes	Lecture Hours	Lab Hours	Clinical Hours
Ground Lesson 31: Basic Attitude Flight	1. Understand the three fundamental skills in attitude instrument flying: instrument cross-check, instrument interpretation, and aircraft control.	2	0	0
Ground Lesson 32: Aircraft Flight Instruments	1. Understand function and operation of aircraft flight instruments and their associated systems.	2	0	0
Ground Lesson 33: VOR, DME, ILS	1. Understand function and use of selected ground-based navigation systems.	2	0	0
Ground Lesson 34: Holding Procedures	1. Understand holding pattern nomenclature and procedures.	2	0	0
Ground Lesson 35: Approach Terminology/VOR and ILS Approaches	1. Understand basic instrument approach terminology.	2	0	0
Ground Lesson 36: Procedure Turns and DME Arcs	1. Understand procedure turns and DME arc procedures.	2	0	0
Ground Lesson 37: Various Types of Instrument Approaches	1. Understand selected types of instrument approaches.	2	0	0
Ground Lesson 38: Missed Approach Procedures	1. Understand selected types of instrument approaches and missed approach procedures.	2	0	0
Ground Lesson 39: Instrument Approach Charts	1. Interpret instrument approach and other terminal procedure charts.	2	0	0
Ground Lesson 40: IFR Enroute Low Altitude Charts	1. Interpret IFR Enroute Low Altitude charts.	2	0	0
Ground Lesson 41: IFR Communications	1. Understand IFR communication requirements.	2	0	0
Ground Lesson 42: IFR Cross-Country Planning	1. Understand basics of IFR flight planning.	2	0	0
Ground Lesson 43: IFR Cross-Country Planning	1. Understand basics of IFR flight planning.	2	0	0

Course Segment	Learning Outcomes	Lecture Hours	Lab Hours	Clinical Hours
Ground Lesson 44: IFR Cross-Country Planning	1. Understanding basics of IFR flight planning and execution.	2	0	0
Ground Lesson 45: Review and Final Exam	1. Demonstrate achievement of objectives for previous course segment learning outcomes through testing.	2	0	0

Total Contact Hours

Lecture Hours	Lab Hours	Clinical Hours
30	0	0