Course Information Form (CIF)

Course Code: ALV 141

Course Title: Commercial Instrument II Ground Supplemental

Department: Aviation
PCS Code: 1.6 - Vocational Skills
CIP Code: 49.0102
Repeatability: 0

Effective Date: Summer 2026

Credit Hours

Catalog Notation: 2-0-2
Credit Hour Distribution:

Lecture: 2	Lab: 0	Clinical: 0	**Total: 2**

General Course Information

Catalog Description

Additional aeronautical experience for proficiency in AVI 140. Classroom instruction on instrument maneuvers, aerodynamics, navigation, and aircraft systems.

General Course Objectives

The student will obtain the necessary aeronautical knowledge to meet or exceed the requirements specified in 14 CFR Part 141 of the Federal Aviation Regulations.

Minimum Placement Levels

English	Reading	Math
None	None	None

Prerequisites

Approval of department chair

Methods of Evaluation

Evaluation will consist of written assignments, quizzes, exams, and oral questioning.

Instructional Materials and Additional Supplies

- Aviation Weather, AC-00-6B, August 23, 2016, https://www.faa.gov/regulations_policies/advisory_circulars/index.cfm/go/document.information/documentID/1029851
- Aviation Weather Services, AC 00-45H Change 2, March 6, 2019, https://www.faa.gov/regulations_policies/advisory_circulars/index.cfm/go/document.information/documentID/1030235
- Instrument Procedures Handbook, FAA-H-8261-16B, September 14, 2017, https://www.faa.gov/regulations_policies/handbooks_manuals/aviation/instrument_procedures_handbook/
- Instrument Rating: FAA Knowledge Test 2021, Gleim, 2021 Ed., 978-1-61854-349-3

Course Content

General Learning Outcomes (GLOs)

- Reasoning and Inquiry: Students will demonstrate the ability to solve problems using deductive reasoning and logic, quantitative reasoning, or the scientific method.
- 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
Supplemental Ground Instruction	1. Demonstrate proficiency in ground lesson from AVI 140.	30	0	0

Total Contact Hours

Lecture Hours	Lab Hours	Clinical Hours
30	0	0