

LUSOA FAA R-ATP Authorized Aviation Coursework
Amendment 19 / Effective: 5 Dec 2025

Table 2 - Authorized Aviation Coursework

Course Number	Course Title	Semester Credits
AVIA 102	Aviation Orientation	1
AVIA 102	Aviation Foundations (effective Fall 2017)	3
AVIA 104	Flight Operations Orientation (superseded October 2025)	1
AVIA 104	Flight Operations Orientation (approved October 2025)	3
AVIA 105	Aviation Survey	3
AVIA 210	Private Ground I	2
AVIA 210	Private Ground I (effective Fall 2015)	3
AVIA 211	Advanced Aviation Theory	3
AVIA 215	Private Ground II	2
AVIA 215	Private Ground II (effective Fall 2015)	3
AVIA 216	Private Ground (Approved in February 2022)	4
AVIA 220	Private Flight I	3
AVIA 225	Private Flight II	3
AVIA 227	Introduction to Risk Management (effective December 2020)	3
AVIA 240	GPS Navigation	1
AVIA 241	GPS Navigation IFR	1
AVIA 241	GPS Instrument Navigation (effective Fall 2016)	1
AVIA 242	Advanced GPS Navigation (November 2020 and prior)	3
AVIA 245	Aviation Leadership	3
AVIA 300	Aviation Safety	2
AVIA 300	Aviation Safety (effective Fall 2015)	3
AVIA 305	Airplane Aerodynamics	3

Source: LUSOA Course Catalog, Version 19, Effective 5 Dec 2025. This table is a subset of the course catalog and is subject to change.

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Course Number	Course Title	Semester Credits
AVIA 310	Instrument Ground	3
AVIA 311	Instrument Lab Theory	1
AVIA 312	Aviation Safety Programs	3
AVIA 315	Commercial Ground	3
AVIA 320	Instrument Flight	3
AVIA 322	Commercial Flight I: Accelerated (Approved in February 2022)	3
AVIA 324	Commercial Flight II: Accelerated (Approved in February 2022)	3
AVIA 325	Commercial Flight Training I	1
AVIA 325	Commercial Flight I (effective Fall 2017)	3
AVIA 326	Commercial Flight Training II	1
AVIA 326	Commercial Flight II (effective Fall 2017)	3
AVIA 327	Commercial Flight Training III	1
AVIA 327	Commercial Flight III (effective Fall 2017)	3
AVIA 331	Commercial Pilot Single Engine Land Add On	1
AVIA 334	Rotorcraft to Fixed Wing Commercial Instrument Transition (Removed in February 2022)	3
AVIA 340	Aviation Weather	3
AVIA 350	Airline Operations	3
AVIA 355	Air Carrier Operations (superseded January 2023)	3
AVIA 355	Air Carrier Management (added January 2023)	3
AVIA 360	Corporate/ Business Aviation	3
AVIA 400	Aerospace Law/ Human Factors/	3
AVIA 400	Crew Resource Management (change effective Fall 2015)	3
AVIA 400	Human Factors (effective Fall 2015)	3
AVIA 400	Aviation Human Factors (effective Fall 2017)	3
AVIA 401	Fundamentals of Instructing (Approved in February 2022)	3
AVIA 405	Advanced Aerodynamics and Introduction to Flight Tests	3
AVIA 405	Advanced Aerodynamics (change effective Fall 2017)	3
AVIA 409	Safety Management Systems	3
AVIA 410	Flight & Ground Instructor Theory	3
AVIA 419	Aviation Safety Data Analysis	3
AVIA 420	Flight Instructor Flight (superseded Fall 2016)	1
AVIA 420	Flight Instructor Flight (effective Fall 2016)	3
AVIA 422	Certified Flight Instructor - Instrument (November 2020 and prior)	1
AVIA 423	Certified Flight Instructor - Instrument (effective December 2020)	3
AVIA 430	Multi-Engine Theory/ Advanced Aircraft Systems (superseded October 2025)	3

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Course Number	Course Title	Semester Credits
AVIA 430	Multi-Engine Ground (approved October 2025)	3
AVIA 435	Advanced Jet Systems	3
AVIA 436	Advanced Jet Training	3
AVIA 440	Multi Engine Flight	1
AVIA 441	Multi Engine Instructor (November 2020 and prior)	1
AVIA 442	Advanced Aircraft Flight Operations	1
AVIA 443	Multi Engine Instructor (effective December 2020)	3
AVIA 444	Principles of Transportation (Approved in February 2022)	3
AVIA 448	Aviation Law (effective December 2020)	3
AVIA 450	Confined Area Operations	2
AVIA 455	Turbine Engines/ Jet Transports	3
AVIA 475	Aviation Physiology (Approved in February 2022)	3
AVIA 342	Advanced GPS Navigation (effective December 2020)	3