

Professional Pilot A.A.S. (AVP)

The ground and flight training courses required for the issuance of an airman certificate within the Professional Pilot Associate Degree program are licensed by the Federal Aviation Administration (FAA).

This program prepares students to obtain entry-level employment in the aviation industry. It provides both the flight and ground-school training required to successfully earn Federal Aviation Administration (FAA) pilot certification. Students obtain flight training from the FAA approved Part 141 LCCC flight school. Graduates from LCCC flight school may teach at the LCCC flight school and continue their aviation flying careers as pilots in the fields of charter, corporate, and regional airline employment. They are also prepared to transfer to colleges or universities that offer the bachelor's degree in Aviation Science. The granting of this degree is based upon the student's successful completion of required coursework, and successfully passing the flight checks for the FAA Private, Commercial, and Flight Instructor certificates and the Instrument Airplane rating. An FAA medical certificate is required for enrollment as well as U.S. citizenship or approval from the Transportation Security Administration to initiate flight training. Additional fees will incur for flight training.

Upon successful completion of this program, graduates will be able to:

- possess the FAA Airman credentials of Private Pilot Certificate-airplane single engine land, Airplane Instrument Rating, Commercial Pilot Certificate and Certificated Flight Instructor-airplane single engine land.
- perform all phases of visual and instrument flight as pilot in command of a commercial flight to FAA standards, including preflight planning, weather analysis, pertinent flight information procurement, and execution of the flight to federal standards of skill, knowledge, and safety.
- be eligible to continue as a candidate for a bachelor of science degree at a four-year college or university or to enter the aviation industry at an appropriate entry-level pilot position to begin a professional pilot career progression.

Gateway Courses: Based on placement testing in reading, writing and math, these prerequisite courses may have to be taken before placement in College English or Mathematics beginning the first semester and concurrently.

RSS 099	Basic Skills Reading	3
RSS 100	Critical Reading	3
ENG 099	Basic Skills Writing	3
ENG 100	Fundamentals of Writing	3
MAT 090	Mathematical Literacy	6
ESL 251	English for Academic Purpose	6
<i>(Required for ESL students only.)</i>		

Please note, taking gateway courses will increase your time for completion.

First Semester

ASA 111	Private Pilot-Flight Theory	3
ASA 112	Private Pilot Practical	2
ASA 117	Aviation Meteorology	3
MAT 130	Industrial Mathematics	3
or MAT 165*	College Trigonometry	3
ENG 105	Research and Composition	3
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Second Semester

ASA 121	Instrument Flight Theory	3
ASA 122	Instrument Practical	2
ASA 126	Crew Resource Management	3
ASA 127	Aircraft Systems	3
PHY 110**	Elements of Physics	4
or PHY 201**	Fundamentals of Physics	4
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Third Semester

ASA 211	Commercial Pilot Theory	3
ASA 212	Commercial Pilot Airplane I	2
ASA 215	Aerodynamics	3
ASA 217	Aviation Laws and Regulations	3
ENG 106	Introduction to Literature	3
or ENG 107	Writing in the Workplace	3
or ENG 108	Creative Nonfiction	3
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Fourth Semester

ASA 214	Commercial Pilot Airplane II	2
ASA 219	Air Carrier Operations	2
ASA 226	Aviation Safety	3
ASA 230	Flight Instructor Theory	3
Elective	Social Science	3
Elective	General Education	3
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Summer Session

ASA 231	Certified Flight Instructor (ASEL)	2
or ASA 223	Commercial Pilot Multi-Engine	2
Elective	Social Science	3
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Credit Total **64**

*MAT 165 requires a prerequisite of MAT 160 College Algebra or LCCC Algebra Placement Testing score of 109 and equivalent college Algebra background.

**MAT 130 or 165 must be completed prior to PHY 110 or 201. Students interested in transfer to a bachelor's program are recommended to take MAT 165 and PHY 201.

Two failures of the same flight theory or flight practical course will result in the student being removed from further advancement within the degree program.

Students have the option of choosing between earning the Certified Flight Instructor Certification or the Multi-Engine Rating added to their Commercial Pilot Certificate.

Prior Learning Assessment: Previous job training, certificates and work experience that may qualify for college credit (*see academic advisor*).