



## Professional Pilot AAS Degree - 60 credits

Program Area: Professional Pilot (Fall 2021)

**\*\*\*REMEMBER TO REGISTER EARLY\*\*\***

### Program Description

The Professional Pilot AAS Degree is designed to meet the needs of students who plan a career as a pilot in commercial aviation. The program leads to FAA certification as a commercial pilot with an instrument rating.

Graduates may transfer to a four-year school to complete a Bachelor's Degree.

*Students choose from one of two tracks: **Airplane or Helicopter.***

### Program Outcomes

- The Federal Aviation Administration Knowledge and Flight tests for a particular FAA Pilot Certificate or Rating
- Understand the historical developments of the aviation industry
- Be familiar with the various mechanical systems found on typical light aircraft that graduates will likely be operating
- Conduct safe flight operations as it pertains to human factors, aircraft design, environmental factors, industry practices and procedures, evolving technologies, accident investigations and conclusions
- Understand and define the elements of airport operations and their importance to the success, stability, and future of the business community and the aviation industry

### Program Articulations

This program has an articulation agreement in place with:

Minnesota State University Mankato, BS in Aviation

Bemidji State University, BAS in Applied Management

### Required Courses

Number	Name	Credits	Term
AVIA 1100	Introduction to Professional Aviation	2	
AVIA 1201	Private Pilot Ground	4	
AVIA 1240* or AVIA 1245*	Private Pilot: <b>Airplane</b> or Private Pilot: <b>Helicopter</b>	2	
AVIA 1250* or AVIA 1255*	Private Pilot Flight Lab: <b>Airplane</b> or Private Pilot Flight Lab: <b>Helicopter</b>	1	
MATH 1115	Contemporary Mathematics	4	
AVIA 1351	Aircraft Systems	2	
AVIA 1352* or AVIA 1354*	Aircraft Systems: <b>Airplane</b> or Aircraft Systems: <b>Helicopter</b>	1	
AVIA 1501*	Instrument Pilot Ground	4	
AVIA 1540* or AVIA 1545*	Instrument Pilot: <b>Airplane</b> or Instrument Pilot: <b>Helicopter</b>	1	
AVIA 1550* or AVIA 1555*	Instrument Pilot Flight Lab: <b>Airplane</b> or Instrument Pilot Flight Lab: <b>Helicopter</b>	1	
AVIA 1390	Aviation Meteorology	3	
AVIA 2102*	Commercial Pilot Ground	2	
AVIA 2140* or AVIA 2325*	Commercial Pilot: <b>Airplane</b> or Turbine Transition/External Load: <b>Helicopter</b>	2	
AVIA 2150* or AVIA 2335*	Commercial Pilot Flight Lab: <b>Airplane</b> or Turbine Transition/External Load Flight Lab: <b>Helicopter</b>	1	
ENGL 1106	College Composition I	3	
PHYS 1001	Fundamental Concepts of Physics	4	
AVIA 2165* or AVIA 2145*	Commercial/Multi-Engine: <b>Airplane</b> or Commercial Pilot: <b>Helicopter</b>	2	

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**Pre-program Requirements**

Requires FAA 1<sup>st</sup> or 2<sup>nd</sup> class medical certificate. Requires security clearance from TSA.

Successful entry into this program requires basic computer skills and a specific level of skill in the areas of English, reading, and math. Program entry will depend, in part, on meeting the prerequisites listed below:

**English/Reading:**

- Eligible for ENGL 1106 - College Composition I, or
- Completion of ENGL/READ 0950/0955 (or equivalent or higher). ENGL/READ 0950/0955 may be taken concurrently with Semester I coursework.

**Mathematics:**

- Eligible for MATH 0970, or
- Completion of MATH 0950/0955 (or equivalent or higher). MATH 0950/0955 may be taken concurrently with Semester I coursework.

There are other ways to qualify. Visit [Course Placement](http://lsc.edu/course-placement) (lsc.edu/course-placement) to find out more.

For interpretation of test results and selection of appropriate coursework; or general information about the program, admissions, financial aid, and getting started at LSC, contact the [professional advising team](mailto:advising@lsc.edu) (advising@lsc.edu) at 218-733-7601

Number	Name	Credits	Term
AVIA 2175*	Commercial/Multi-Engine Flight Lab: <b>Airplane</b>	1	
or AVIA 2155*	Commercial Pilot Flight Lab: <b>Helicopter</b>		
AVIA 2201*	Certified Flight Instructor Ground	2	
AVIA 2380	Crew Resource Management	2	
COMM 1105	Interpersonal Communication	3	
AVIA 2240*	Certified Flight Instructor: <b>Airplane</b>	2	
or AVIA 2245*	Certified Flight Instruction: <b>Helicopter</b>		
AVIA 2250*	Certified Flight Instructor Flight Lab: <b>Airplane</b>		
or AVIA 2255*	Certified Flight Instruction Flight Lab: <b>Helicopter</b>	1	
AVIA 2300	Intro to Air Traffic Control	2	
AVIA 2340	Aviation Law	3	
AVIA 2361	Human Factors	2	
AVIA 2370	Management of Aviation Services	2	
COMM 1601	Interviewing Procedure and Practice	1	

**Total Credits 60**

\*Requires a prerequisite or a concurrent course

For more information about the Professional Pilot AAS Degree including course descriptions, course prerequisites, and potential career opportunities, see the [program website](https://degrees.lsc.edu/pilot/) (https://degrees.lsc.edu/pilot/)

or

Contact Associate Dean of Business and Industry, [Trevor Wills](mailto:trevor.wills@lsc.edu) (trevor.wills@lsc.edu) at 218-733-5919