



## Professional Pilot AAS Degree - 60 credits

Program Area: Professional Pilot (Fall 2017)

**\*\*\*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:

**Metropolitan State University, BA in Individualized Studies:**

<http://www.mntransfer.org/download.php?id=6068>

### Required Courses

Number	Name	Credits	Term
AVIA 1100	Introduction to Professional Aviation	2	
AVIA 1201	Private Pilot Ground	4	
AVIA 1250*	Private Pilot Flight Lab: <b>Airplane</b>	2	
OR AVIA 1255*	OR Private Pilot Flight Lab: <b>Helicopter</b>		
MATH 1115	Contemporary Math	4	
AVIA 1351	Aircraft Systems	2	
AVIA 1352*	Aircraft Systems: <b>Airplane</b>	1	
OR AVIA 1354*	OR Aircraft Systems: <b>Helicopter</b>		
AVIA 1390	Aviation Meteorology	3	
AVIA 1501*	Instrument Pilot Ground	4	
AVIA 1550*	Instrument Pilot Flight Lab: <b>Airplane</b>	1	
OR AVIA 1555*	OR Instrument Pilot Flight Lab: <b>Helicopter</b>		
PHYS 1001	Fundamental Concepts of Physics	4	
AVIA 2102*	Commercial Pilot Ground	2	
AVIA 2150*	Commercial Pilot Flight Lab: <b>Airplane</b>	2	
OR AVIA 2155*	OR Commercial Pilot Flight Lab: <b>Helicopter</b>		
ENGL 1106	College Composition I	3	
AVIA 2175*	Commercial/Multi-Engine Flight Lab: <b>Airplane</b>	2	
OR AVIA 2335*	OR Turbine Transition/External Load Flight Lab: <b>Helicopter</b>		
AVIA 2201*	Certified Flight Instructor Ground	3	
AVIA 2312	Aviation Dispatch	3	
AVIA 2380	Crew Resource Management	2	
COMM 1105	Interpersonal Communication	3	

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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:

- A score of 78 or higher on the reading comprehension portion of the Accuplacer, or
- Completion of ENGL/READ 0950 or 0955 (or equivalent course or higher). ENGL/READ 0955 may be taken concurrently with Semester I coursework.

### Mathematics:

- A score of 71 or higher on the **Elementary Algebra Skills** portion of the Accuplacer, or
- Completion of MATH 0460 (or equivalent course or higher).

Number	Name	Credits	Term
AVIA 1360	Aviation Safety	3	
AVIA 2250*	Certified Flight Instructor Flight Lab: <b>Airplane</b>	2	
OR	OR		
AVIA 2255*	Certified Flight Instruction Flight Lab: <b>Helicopter</b>		
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 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 at: [pat@lsc.edu](mailto:pat@lsc.edu) or 218-733-7601*

For more information about the Professional Pilot AAS Degree including course descriptions, course prerequisites, the gainful employment disclosure, and potential career opportunities, see program website: <https://degrees.lsc.edu/pilot/>

- or -

Contact Faculty Advisor, Josh Debevec: [josh.debevec@lsc.edu](mailto:josh.debevec@lsc.edu), 218-733-7700



MINNESOTA STATE

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