



Professional Pilot AAS Degree - 60 credits

Program Area: Professional Pilot (Fall 2018)

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

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Pre-program Requirements

Requires FAA 1st or 2nd 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).

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 or 218-733-7601

| Number | Name | Credits | Term |
|--------------------------------|---|---------|------|
| AVIA 2175* or AVIA 2155* | Commercial/Multi-Engine Flight Lab: Airplane or Commercial Pilot Flight Lab: Helicopter | 1 | |
| AVIA 2201* | Certified Flight Instructor Ground | 2 | |
| AVIA 2380 | Crew Resource Management | 2 | |
| COMM 1105 | Interpersonal Communication | 3 | |
| AVIA 2240* or AVIA 2245* | Certified Flight Instructor: Airplane or Certified Flight Instruction: Helicopter | 2 | |
| AVIA 2250* or AVIA 2255* | Certified Flight Instructor Flight Lab: Airplane or Certified Flight Instruction Flight Lab: Helicopter | 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, the gainful employment disclosure, and potential career opportunities, see program website: <https://degrees.lsc.edu/pilot/>

- or -

Contact Program Director, Dan Traska: daniel.traska@lsc.edu, 218-733-7737



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Minnesota State Program ID: 4191
LSC Major ID: 3001

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