

Aviation Science A.A.S. (AVS)

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

The Aviation Science degree permits the student with an interest in aviation to experience a blend of pilot and management studies. The degree combines the earning of the Federal Aviation Administration (FAA) Private Pilot certificate with the study of more advanced pilot courses, business courses, computers, and liberal arts courses.

Students who decide on a career as a pilot while or after earning this degree are eligible to enter the Professional Pilot program and add to their pilot credentials. Graduates holding this degree may be hired for ground-based employment with fixed-base operators, municipal airport authorities, airlines, flight schools, state aviation agencies, the federal government, corporate flight departments, aviation-related sales, or general business concerns.

An FAA medical certificate is required for enrollment. The granting of this degree is based upon the student's successful completion of the required coursework and the obtaining of the FAA Private Pilot certificate.

Graduates of this program can seek employment as airport managers, fixed-base operator managers, aircraft dispatchers, corporate airline scheduling coordinators, and customer service representatives.

Additional fees will incur for flight training.

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

- earn the Federal Aviation Administration Private Pilot certificate.
- complete a blend of pilot and business courses allowing the student to specialize in either pilot or management during the last two years of a four-year degree.
- be eligible for entry-level aviation ground employment with fixed-base operators, municipal airport authorities, airlines, flight schools, the federal government, corporate flight departments, aviation-related sales, or general business concerns.

First Semester		Credits
ASA 111	Private Pilot – Flight Theory	3
ASA 112	Private Pilot Practical	2
ASA 117	Aviation Meteorology	3
ENG 105	Research and Composition	3
MAT 130*	Industrial Mathematics	3
		14

Second Semester		Credits
ENG 106	Introduction to Literature	
or ENG 107	Writing in the Workplace	
or ENG 108	Creative Nonfiction	3
ASA 126	Crew Resource Management	3
ASA 127	Aircraft Systems	3
CIS 105	Introduction to Computers and Applications	3
PHY 110*	Elements of Physics	4
		16

Third Semester		Credits
ASA 215	Aerodynamics	3
ASA 217	Aviation Laws and Regulations	3
ACC 160	Principles of Accounting I	3
BUS 211	Principles of Management	3
ENG 111	Speech	
or CMN 120	Small Group Communication	3
Elective	ACC, AOT, BUS, or CIS	3
		18

Fourth Semester		Credits
ACC 161	Principles of Accounting II	3
ASA 226	Aviation Safety	3
Electives	Social Science/Humanities	6
Elective	General Education	3
		15
Credit Total		63

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.

*MAT 130 must be completed before PHY 110.

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

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
		(Required for ESL students only.)

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