

Aviation Science, Certificate of Proficiency

The Certificate of Proficiency in Aviation Science is available for all UVU students with aviation particular focus designed to provide high school students an opportunity to obtain a stackable certificate of proficiency with an emphasis in career and technical education while still enrolled in high school. This certificate is available from the University for college students/adults looking for basic entry-level skills leading to further academic advancement.

Program Requirements

Code	Title	Credit Hours
Total Credit Hours		15
ENGL 1010 or ENGH 1005	Introduction to Academic Writing CC Literacies and Composition Across Contexts CC	3
HIST 1700	American Civilization AS	3
Complete one of the following:		3
MAT 1030	Quantitative Reasoning QL	
MAT 1035	Quantitative Reasoning with Integrated Algebra QL	
STAT 1040	Introduction to Statistics QL	
STAT 1045	Introduction to Statistics with Algebra QL	
MATH 1050	College Algebra QL	
MATH 1055	College Algebra with Preliminaries QL	
MATH 1090	College Algebra for Business QL	
AVSC 1010	Survey of Aviation Science	3
Complete one of the following:		3
AVSC 1100	Ground I - Private (Total Credits)	
AVSC 2110	Aviation Weather	
AVSC 2150	Air Transportation Management	

Graduation Requirements

1. Overall grade point average of 2.0 (C) or above.
2. Completion of 16 credit hours in subjects included in the course list.
3. All courses must be completed with a grade of C- or better.

Graduation Plan

This graduation plan is a sample plan and is intended to be a guide. Your specific plan may differ based on your Math and English placement and/or transfer credits applied. You are encouraged to meet with an advisor and set up an individualized graduation plan in Wolverine Track (<http://www.uvu.edu/wolverinetrack/>).

First Year

Semester 1		Credit Hours
ENGL 1010 or ENGH 1005	Introduction to Academic Writing CC or Literacies and Composition Across Contexts CC	3
AVSC 1010	Survey of Aviation Science	3
HIST 1700 or POLS 1100	American Civilization AS or American National Government AS	3
Credit Hours		9

Semester 2

Complete one of the following:		3
MAT 1030	Quantitative Reasoning QL	
MAT 1035	Quantitative Reasoning with Integrated Algebra QL	
STAT 1040	Introduction to Statistics QL	
STAT 1045	Introduction to Statistics with Algebra QL	
MATH 1050	College Algebra QL	
MATH 1055	College Algebra with Preliminaries QL	
MATH 1090	College Algebra for Business QL	
Complete one of the following:		3
AVSC 1100	Ground I - Private	

AVSC 2110	Aviation Weather	
AVSC 2150	Air Transportation Management	
	Credit Hours	6
	Total Credit Hours	15

Program Learning Outcomes

1. Investigate aviation/aerospace career opportunities and associated skills required in aviation preparation for aviation employment.
2. Identify aviation applications including aerospace technology and terminology.
3. Explain the aerodynamic principles of flight that affect aircraft operation.
4. Apply knowledge of pilotage, dead reckoning, and radio navigation in conjunction with the aeronautical charts, plotters, flight computers, and flight publications necessary for cross-country flight.