



## Bachelor of Science (BS) Aerospace Sciences (Aerospace Administration)

This Program Map is Part of the **Industry, Manufacturing, and Construction Pathway**

This Program Map is for students who plan to earn a BS degree in Aerospace Sciences with a concentration in Aerospace Administration at Polk State College. Admission to this program requires an associate degree from a regionally-accredited institution and the following FAA certifications: Private Pilot, Instrument Rating, and Commercial Pilot. For more information about admission criteria, [please refer to the College catalog](#). This Program Map is intended to serve as a guide, and students should always meet with their Student Success Advisor to develop a personalized Educational Plan.

**Full-time Program Map for Students Entering with an AA Degree**

Term	Course ID	Course Title	Credits
<b>Term 1</b> <b>15 Credits</b>	ENC 2210	Professional and Technical Writing	3 Credits
	GEB 3213	Advanced Communications in Business	3 Credits
	ASC 1010	Foundations of Air Transportation	3 Credits
	ASC 1210	Aviation Meteorology and Automation Management	3 Credits
	ASC 2870	Safety Management Systems and Operational Risk Management	3 Credits
<b>Term 2</b> <b>15 Credits</b>	AVM 1022	Flight Operations	3 Credits
	ASC 1310	US and International Aviation Operations	3 Credits
	ASC 3321	Aerospace Law and Ethics	3 Credits
	AVM 3030	Principles of Aerospace Leadership	3 Credits
	ASC 3474	Applied Human Factors	3 Credits
<b>Term 3</b>	Optional Summer Term		
<b>Term 4</b> <b>18 Credits</b>	AVM 3011	Air Transportation Systems Management	3 Credits
	ASC 3690	Airspace Systems and NextGen	3 Credits
	AVM 3671	Safety Management Systems and Security	3 Credits
	AVM 4411	Airport Operations (See Note 1)	3 Credits
	AVM 4516	Airline Operations (See Note 1)	3 Credits
	Elective	Approved Elective	3 Credits
<b>Term 5</b> <b>12 Credits</b>	AVM 4460	Environmental Issues for Aerospace Management (See Note 1)	3 Credits
	AVM 4150	Aviation Business Strategies (See Note 1)	3 Credits
	AVM 4950	Capstone Experience: Aerospace Administration	3 Credits
	Elective	Approved Elective	3 Credits
<b>Term 6</b>	Optional Summer Term		

**Total Required Program Hours: 120 (Includes Credits from AA Degree)**

### A Few Notes:

1. This course is offered in an eight-week format.
2. Students must meet all graduation requirements, including demonstrating proficiency in a foreign language and civic literacy requirements. To learn more about graduation requirements, [please refer to the College Catalog](#).

Program: S6200 - **2024-2025 Catalog Year (tentative)**

