

**Polk State College – BS in Aerospace Sciences
Aerospace Administration Concentration
Program Curriculum Table**

Curriculum for BS in Aerospace Sciences – Aerospace Administration Concentration			
Courses from AS Degree/AA + General Education			
		Credits	TOTAL
Technical Courses from AS degree (Prereqs for AA entrants)		42	42
General Education Courses (18 extra credits needed for AS entrants)		36	36
Upper-Division Common Core Courses			
Course Number	Course Title	Credits	
ASC 3474	Applied Human Factors	3	
AVM 3011	Air Transportation Systems Management	3	
ASC 3321	Aerospace Law and Ethics	3	
ASC 3690	Airspace Systems and NextGen	3	
AVM 3671	Safety Management Systems and Security	3	
AVM 3030	Principles of Aerospace Leadership	3	
GEB 3213	Advanced Communications in Business	3	21
Aerospace Administration Concentration Required Courses			
AVM 4411	Airport Operations	3	
AVM 4516	Airline Operations	3	
AVM 4460	Environmental Issues for Aerospace Management	3	
AVM 4150	Aviation Business Strategies	3	12
Aerospace Administration Concentration Elective Courses (Choose 6 credits)			
AVM 4451	Airport Planning and Design	3	
AVM 4110	Fixed Base Operations	3	
AVM 4131	Flight Dispatch and Scheduling	3	
AVM 4530	Corporate Aviation Operations	3	
ASC 4940	Aerospace Internship	3	
GEB 4891	Strategic Planning and Management	3	
MAN 4504	Operational Decision Making	3	
PAD 4204	Financial Management in the Public Sector	3	6
Capstone Course			
AVM 4950	Capstone Experience: Aerospace Administration	3	3
TOTAL		120 Credits	