

**Aviation Operations (Air Traffic Control Specialization)  
Associate in Applied Science Major Code A039**

***Program Description***

The Aviation Operations Associate in Applied Science Degree, offered at the Judson A. Samuels South Campus, is designed for students who would like to work in the aviation industry, but not primarily as pilots or technicians. Selected aviation knowledge is provided together with general business management and specialized air traffic control courses.

<b>First Semester</b>			ASC 2870	Aviation Safety	3
<b>Course Number</b>	<b>Course Title</b>		*ASC or AVM	Aviation Elective	3
	<b>Credits</b>		ENC 1101	English Composition I	3
(1) ATT 1100	Aeronautical Science	3	SBS	Social Behavioral Science Elective	3
(1) ASC 1100	Navigational Science	3	ATT 2826	ATC Capstone Project	1
(1) ATT 1810	Environment of the ATC	3			
(1) ATT 2820	Introduction to ATC	3			
CGS 1060C	Computer & Internet Literacy	3			
				<b>Total 64</b>	
<b>Second Semester</b>			<b>*Aviation Elective Courses</b>		
ASC 1210	Aviation Weather	3	ASC 2320	Aviation Law and Regulations	3
ASC 1610	Aircraft Engines, Structures & Systems		ASC 1010	Aviation History	3
or			AVM 1440	Airport / Airline Security	3
ASC 1550	Aerodynamics	3	AVM 1940	Airport Operations Internship I	3
ATT2821C	ATC Radar Procedure with Lab	4	AVM 2941	Airport Operations Internship II	3
*ASC or AVM	Aviation Elective	3	AVM 2450	Airport Planning and Design	3
**MAT 1033	Intermediate Algebra	3	AVM 2410	Airport Management	3
<b>Third Semester</b>			(1) Co requisites, or department / instructor permission required		
ATT 2822C VFR	Tower Operations with Lab	4	**MAC 1105 may be substituted for MAT 1033 if student plans to transfer to upper-level College or university		
*ASC or AVM	Aviation Elective	3			
ASC 2470	Psychology/Physiology of Flight	3			
SPC 1024	Introduction to Speech Communications	3			
HUM	Humanities Elective	3			
<b>Fourth Semester</b>					
ATT 2825C	ATC Enroute Operations with Lab	4			