

Aviation Operations Associate in Science Major Code 2105
Airport Operations Management Associate in Science Major Code 21051

Program Description

The Aviation Operations and Airport Operations Management Associate in Science Degrees, offered at the Judson A. Samuels South Campus, are 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 aviation management courses.

First Year Term I

ATT 1100	Aeronautical Science	3
ASC 1100	Navigational Science I	3
ASC 1010	History of Aviation	3
*ENC 1101	Composition I	3
**CGS 1060C	Computer and Internet Literacy or aviation elective	3
Total Term Semester Hours		15

First Year Term II

*ASC 1210	Meteorology	3
AVM 2301	General Aviation Marketing and Management	3
*ENC 1102	Composition II or	
*ENC 2210	Technical Report Writing	3
POS 2041	National Government	3
*(0)MAC 1105	College Algebra	3
Total Term Semester Hours		15

First Year Term III

AVM 2410	Airport Management	3
Elective	Humanities/Fine Arts	3
Total Term Semester Hours		6

Second Year Term I

AVM 2510	Airline Management	3
ASC 2870	Aviation Safety	3
(2)ECO 2013	Principles of Economics I	3
(2)ACG 2001	Principles of Accounting I	3
*STA 2023	Elementary Statistics	3
Total Term Semester Hours		15

Second Year Term II

SPC 1024	Intro to Speech Communication	3
(2)*ECO 2023	Principles of Economics II	3
(2)*ACG 2011	Principles of Accounting II	3
(3)*PHY 1001	Applied Physics	3
(3)*PHY 1001L	Applied Physics Lab	1
Total Term Semester Hours		13
Total Program Semester Hours		64

*Requires a pre- or co-requisite or proper score on placement test. See course description in this catalog or online.

** Students who successfully complete the Basic Student Technology Literacy Test may select from: AVM1440 Airport/Airline Security, ASC2320 Aviation Law and Regulations, ASC1550 Aerodynamics, AVM2450 Airport Planning and Design, a flight or ground course with department permission to complete degree requirements.

(1)Mat 1033, Intermediate Algebra, may be taken by students who do not plan to transfer to an upper level college or university.

(2)Student interested in flight operations may substitute the following courses for those marked with (2):

ASC 2110, Navigational Science II; ATT 2120, Instrument Flight Theory, ATT 2110, Commercial Flight Theory, or a flight course.

(3)PHY 2053 General Physics I and PHY 2053L General Physics I Lab may be substituted by students who have the appropriate math pre-requisites. Some universities require General Physics.

It is strongly recommended that students see an academic advisor or counselor every term.