

Bachelor of Science Degree in Aviation Computer Science
Accredited by National Association of Industrial Technology (NAIT)
Four-Year Degree Plan - Total Credits: 120

First Year	<i>First Semester</i>				<i>Second Semester</i>			
	AWS	101	Intro Aviation	3	AWS	102	Aviation History	3
	AWS	101L	Intro Aviation Lab	1	ENG	132	Freshmen English II	3
	MATH	133	College Algebra	3	CS	117	Intro Comp Science II	3
	ENG	131	Freshmen English I	3	MATH	134	Plane Trigonometry	3
	CS	116	Intro Comp Science I	3	HED	233	History & Principles of Health	2
	ITEC	111	Orientation	1	SC	135	Business Prof. Comm	3
				14hrs				17hrs

Second Year	<i>Third Semester</i>				<i>Fourth Semester</i>			
	AWS	120	Transportation Survey	3	AWS	Elect***	***Elective***	3
	CS	120	Intro to Programming in C++	3	CS	140	Adv Programming in C++	3
	POLS	231	Amer. Pol System I	3	POLS	232	Amer. Pol System II	3
	ENG	2xx	Any 200 Level	3	HIST	232	Soc & Pol since 1877	3
	HIST	231	Soc & Pol to 1877	3	MATH	241	Calculus	4
				15hrs				16hrs

Third Year	<i>Fifth Semester</i>				<i>Sixth Semester</i>			
	AWS	321	Air Traffic Control	3	AWS	371	Airport Management	3
	AWS	321L	Air Traffic Control Lab	1	CS	243	Computer Organization	3
	AWS	351	Aviation Law	3	CS	343	Microprocessors & Sys	3
	CS	216	Adv Applications 1	3	NSCI	1XX**	Natural Science	4
	NSCI	1XX**	Natural Science	4	PSY	131	General Psychology	3
	MUS	239	Fine Arts & Daily Liv	3				
				17hrs				16hrs

Fourth Year	<i>Seventh Semester</i>				<i>Eighth Semester</i>			
	AWS	406	National Airspace Sys	3	AWS	495	Fieldwork Practicum	3
	AWS	404	Flight Safety	3	AWS	409	Gen Aviation Management/FBO	3
	AWS	Elect***	***Elective***	3	AWS	Elect***	***Elective***	3
	MGMT	300	Business Org & Mgmt	3	ITEC	331	Technical Writing	3
	ITEC	412	Senior Seminar	1				
				13hrs				12hrs

**Natural Science credits should be selected from the following: BIOL 143 (4); CHEM111, 131 (4); CHEM 112, 132 (4); GEOL 141 (4); and PHYS 141 (4).

***AWS Elective Options: AWS 313, 371, and 406 (or any other AWS courses approved by the department)

Name: _____ T#: _____ Tel: _____

Address: _____

Email: _____ Advisor: _____

Approved: _____ Date: _____
Chair, Department of Transportation Studies

Approved: _____ Date: _____
Dean, College of Science and Technology