



First Year		
Fall: 16 Credits	AES 1100 (6) Aviation Fundamentals	
	AES 1400 (3) Aviation Weather	
	Written Communication (3)	
	MTH 1110 (4) College Algebra for Calculus OR MTH 1112 (4) College Algebra thru Modeling OR MTH 1310 (4) Finite Math - Mgmt & Social Sciences	
Spring: 15 Credits	AES 1040 (3) Intro to Unmanned Aircraft Systems OR AES 1050 (3) Intro to Space	
	AES 1710 (3) Instrument Flight Sim I (U.S. citizenship or TSA approval required: ask for details)	
	Written Communication (3)	
	Oral Communication (3)	
	Natural & Physical Science (3)	
Second Year		
Fall: 15 Credits	AES 2220 (3) Flight Dispatch and Load Planning	
	AES 2050 (3) Aviation & Aerospace History and Dev OR AES 2607 (3) Intro to Aerospace Systems Sim	
	Arts & Humanities (3)	
	Natural & Physical Science (3)	
	Social & Behavioral Science (3)	
Spring: 16 Credits	AES 2200 (4) Fundamentals of Air Traffic Control	
	Historical (3) MC or GD Recommended	
	Arts & Humanities (3)	
	Social & Behavioral Science (3)	
	General Elective (3)	

Third Year		
Fall: 15 Credits	AES 3000 (3) Aircraft Systems & Propulsion	
	AES 3600 (3) Space Flight Operations I	
	AES 3880 (3) Aviation Security	
	BUS 1950 (3) Business Communication OR JMP 2610 (3) Intro to Technical Writing	
	General Elective (3)	
Spring: 15 Credits	AES 3607 (3) Orbital Mech & Aerospace Sys Sim OR AES 3610 (3) Elements of Spacecraft Design I	
	AES 3850 (3) Human Factors & Physiology of Flight	
	AES 4601 (3) Space Flight Operations II	
	General Elective (3)	
	General Elective (3)	
Fourth Year		
Fall: 15 Credits	AES 4200 (3) Airport Planning & Management I	
	AES 3620 (3) Aero Sys Proj & Mission Scheduling OR AES 4603 (3) Aero Ops Sys Analysis & Design	
	AES 4860 (3) Aviation Safety OR AES 4870 (3) Aviation Safety Program Management	
	General Elective (3)	
	General Elective (3)	
Spring: 13 Credits	AES 4210 (3) Airport Planning & Management II OR AES 4930 (3) Pro Flight Standards Seminar OR JMP 4790 (3) Senior Seminar	
	AES 4602 (3) Aerospace Commercialized Operations OR AES 4620 (3) Elements of Spacecraft Design II	
	AES 4910 (3) Aviation & Aerospace Strategic Planning	
	General Elective (4)	