

Metropolitan State University of Denver
Aviation and Aerospace Science Major, B.S.: Air Traffic Collegiate Training Initiative Concentration
Minor (required):
Fall 2014 catalog year

First Year	Suggested Course Plan	
Fall: 16 credits	AES 1100 (6) Aviation Fundamentals (F,S)	
	AES 1710 (3) Instrument Flight Simulation I (F,S)	
	ENG 1010 (3) Composing Arguments (F, S, Su)	
	MTH 1110 (4) College Algebra OR MTH 1112 (4) College Algebra Thru Modeling OR MTH 1310 (4) Finite Math – Mgmt & Soc Scncs (F,S,Su)	
Spring: 15 credits	AES 1400 (3) Aviation Weather (F,S, Su)	
	PHI 1030 (3) Introduction to Ethics (F, S, Su)	
	PHY 1250 (6) Physics of Aviation (F,S)	
	SPE 1010 (3) Public Speaking (F,S) OR SPE 1710 (3) Interpersonal Communications (F,S)	

Third Year	Suggested Course Plan	
Fall: 15 credits	AES 3880 (3) Aviation Security (F, S)	
	Historical (3) (F, S, Su) Multicultural or Global Diversity recommended	
	Unrestricted Elective (3) (F,S, Su)	
	Unrestricted Elective (3) (F, S, Su)	
	Minor (3)	
Spring: 15 credits	AES 4370 (3) Advanced Navigation (F,S)	
	Arts and Humanities (3): ENG 2850 recommended (Global Diversity) (F, S, Su)	
	Unrestricted Elective (3) (F, S, Su)	
	Unrestricted Elective (3) (F, S, Su)	
	Minor (3)	

Second Year	Suggested Course Plan	
Fall: 14 credits	AES 2120 (4) Instrument Fundamentals (F)	
	AES 2200 (4) Fundamentals of Air Traffic Control (F,S)	
	ENG 1020 (3) Freshman Composition: Analysis, Research, & Documentation (F, S, Su)	
	Social and Behavioral I (3) (F, S, Su) Multicultural or Global Diversity recommended	
Spring: 15 credits	AES 2130 (3) Commercial Flight Operation (S)	
	AES 2710 (3) Instrument Flight Simulation II (F, S)	
	Social Behavioral II (3) (F, S, Su) Multicultural or Global Diversity recommended	
	Minor (3)	
	Unrestricted Elective (3) (F, S, Su)	

Fourth Year	Suggested Course Plan	
Fall: 15 credits	AES 4860 (3) Aviation Safety (F, S) OR AES 4870 (3) Aviation Safety Program Management (F,S)	
	AES 4910 (3) Aviation & Aerospace Strategic Planning (Sr. Exp.) (F, S)	
	Unrestricted Elective (3) (F, S, Su)	
	Unrestricted Elective (3) (F, S, Su)	
	Minor (3)	
Spring: 15 credits	AES 4930 (3) Professional Flight Standards Seminar OR AES 4210 Airport Planning & Management II OR COM 4790 (3) Senior Seminar in Technical Communications (F, S)	
	AES 4100 (3) Advanced Air Traffic Control (F, S)	
	Unrestricted Elective (3) (F, S, Su)	
	Minor (3)	
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