



METROPOLITAN STATE UNIVERSITYSM
OF DENVER
College of Professional Studies

Aviation and Aerospace Science, B.S. - Air Traffic Collegiate Training Initiative Concentration
 Minor (required)
 Fall 2017 catalog year

First Year		
Fall: 16 Credits	AES 1100 (6) Aviation Fundamentals (F, S)	
	MTH 1110 (4) College Algebra (F, S, Su) OR	
	MTH 1112 (4) College Algebra Thru Modeling (F, S, Su) OR	
	MTH 1310 (4) Finite Math – Mgmt & Soc. Sciences (F, S, Su)	
	AES 1710 (3) Instrument Flight Simulation I (F, S)	
	Written Communication (3) (F, S, Su)	
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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)	
	CAS 1010 (3) Public Speaking (F, S) OR	
	CAS 1710 (3) Interpersonal Communication (F, S)	

Third Year		
Fall: 15 Credits	AES 3880 (3) Aviation Security (F, S)	
	Historical (3) (F, S, Su) MC or GD recommended	
	AES Elective (3) (F, S, Su)	
	AES Elective (3) (F, S, Su)	
	AES Elective (3) (F, S, Su)	
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Spring: 15 Credits	AES 4370 (3) Advanced Navigation Systems (F, S)	
	Arts & Humanities (3) (F, S, Su)	
	AES Elective (3) (F, S, Su)	
	AES Elective (3) (F, S, Su)	
	Minor or general elective (3)	

Second Year		
Fall: 14 Credits	AES 2120 (4) Instrument Fundamentals (F)	
	AES 2200 (4) Fundamentals of Air Traffic Control (F, S)	
	Written Communication (3) (F, S, Su)	
	Social Behavioral I (3) (F, S, Su) MC or GD recommended	
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Spring: 15 Credits	AES 2130 (3) Commercial Flight Operations (S)	
	AES 2710 (3) Instrument Flight Simulation II (F, S)	
	Social Behavioral II (3) (F, S, Su) MC or GD recommended	
	Minor (3)	
	AES Elective (3) (F, S, Su)	

Fourth Year		
Fall: 15 Credits	AES 4860 (3) Aviation Safety (F, S) OR	
	AES 4870 (3) Aviation Safety Program Management (F, S)	
	AES 4910 (3) Aviation & Aero. Strat. Planning (Sr. Exp.) (F, S)	
	AES Elective (3) (F, S, Su)	
	AES Elective (3) (F, S, Su)	
	Minor or general elective (3)	
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Spring: 15 Credits	Minor or general Elective (3) (F, S, Su)	
	AES 4100 (3) Advanced Air Traffic Control (F, S)	
	AES 4210 (3) Airport Planning and Management II* OR	
	AES 4930 (3) Professional Flight Standards Seminar OR	
	COM 4790 (3) Senior Seminar in Tech. Com. (Sr. Exp.) (F, S)	
	Minor or general elective (3)	
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