

B.S. in Aviation Operations

Air Traffic – Collegiate Training Initiative (AT-CTI) Track

(74 major credits plus general education and university elective credits = 120 Credits)

Courses in italics are prerequisites. Underlined courses are prerequisites or corequisites.

St. Cloud State University (SCSU) was approved by the Federal Aviation Administration (FAA) in October 2008 as an Air Traffic - Collegiate Training Initiative (AT-CTI) program. The B.S. in Aviation Operations Air Traffic Control Track is designed to meet the needs of individuals desiring a quality education that will prepare them for professional careers in air traffic control.

Freshman (30 cr)

		<u>Prerequisites/Corequisites</u>
1	AVIT 100*	Intro to Aviation (Starting Fall 2010)
3	AVIT 101*	Private Pilot Ground School
3	AVIT 103*	Air Transportation
3	MATH 112*	College Algebra <i>HS algebra</i>
3	MATH113*	Trigonometry <i>MATH 112</i>
3	EAS 104	Intro to Atmospheric Science
General Education Credits (Incl. *ENGL 191 & *CMST 192)		

(*) Indicates Major prerequisite courses to apply for major.

Sophomore (30 cr)

3	AVIT 203	Instrument Pilot Ground School <i>AVIT 101</i>
4	PHYS 231	Physics I <i>MATH 072 or H.S. algebra</i>
3	AVIT 215	Intro to Air Traffic Control <i>AVIT 101</i>
3	AVIT 307	Aviation Law <i>AVIT 101, 103</i>
3	AVIT 309	ATC Tower Procedures <i>AVIT 101, 103, 215</i>
Elective Credits & General Education Credits		

Junior (30 cr)

3	AVIT 317	Ethics in Aviation <i>AVIT 307</i>
3	AVIT 325	Aviation Safety and Human Factors <i>AVIT 101, 103</i>
3	AVIT 311	ATC Tracon Procedures <i>AVIT 101, 103, 215</i>
3	AVIT 313	ATC Enroute Procedures <i>AVIT 101, 103, 215</i>
4	EAS 360	Aviation Meteorology <i>EAS 104, PHYS 231</i>
3	MGMT 301	Intro to Management <i>Admitted to Major</i>
Elective Credits & General Education Credits		

Senior (30 cr)

3	AVIT 409	Airport Management <i>MGMT 301</i>
3	AVIT 423	Air Carrier Operations <i>MGMT 301</i>
3	CMST 341	Workplace Communications <i>CMST 192</i>
3	MGMT 365	Organizational Behavior <i>MGMT 301</i>
3	AVIT 497	Aviation Capstone <i>Admitted to major, senior</i>
OR	AVIT 444	Internship

9 *Major Elective Credits, in a focus area, approved by advisor

Balance of University Elective Credits & General Education Credits