

**SUNY SCHENECTADY**  
CURRICULUM WORKSHEET for AAS Programs

PROGRAM: AIR TRAFFIC CONTROL (A.A.S.)

HEGIS # 2305

SCCC Program Code #86

PROGRAM REQUIREMENTS	CR	SUNY GEN ED CATEGORY*	SATISFIES LIBERAL ARTS AND SCIENCES (YES)**
ATC 120 Aviation Operations for ATC	2		
AER 150 Aviation Management and Security	3		
AER 210 Aviation Law	3		
AER 236 Flight Safety	3		
ATC 101 Flight for Controllers	1		
ATC 110 Air Traffic Basics	3		
ATC 141 Instrument for Controllers	1		
ATC 200 Ground Control Operations	3		
ATC 205 Ground Control Lab	2		
ATC 250 Local Control	3		
ATC 255 Local Control Lab	2		
ATC 260 En Route Control	3		
ATC 265 En Route Control Lab	2		
CIS Elective	3		
ENG 123 College Composition	3	Humanities; Information Literacy	YES
ENG 211 Technical Writing	3	Communication: Written and Oral; Critical thinking and Reasoning	YES
ETH 221 Professional and Applied Ethics	1		
FYS 100 First Year Seminar	1		
MAT 123 Quantitative Reasoning	3	Mathematics and Quantitative Reasoning	YES
MAT 149 Topics in Finite Mathematics	3	Mathematics and Quantitative Reasoning	YES
PHY 106 Meteorology	3	Natural Sciences and Scientific Reasoning	YES
PSY 121 Introduction to Psychology	3	Social Sciences	YES
Diversity: Equity, Inclusion, and Social Justice SUNY General Education Elective	3	Diversity: Equity, Inclusion, and Social Justice	
Restricted Humanities Elective (a)	3	U.S. History and Civic Engagement OR World History and Global Awareness OR World Languages	YES
Minimum Credit Hours	60	*Total Gen. Ed. Knowledge and Skill Credits: 24	Total LAS Credits (at least 20): 21
		*Total Gen. Ed. Knowledge and Skill Areas: 7	

\*Required are the knowledge and skill areas of Communication, DEISJ, Mathematics, and Natural Sciences; and both core competencies of Critical Thinking and Information Literacy.

\*\*Must add up to at least 20 credits.

Additional Comments: Please refer to the footnotes on the reverse side.

## AIR TRAFFIC CONTROL AAS

### FIRST YEAR

Fall Semester	CR	Spring Semester	CR
ATC 120 Aviation Operations for ATC	2	ATC 141 Instrument for Controllers	1
ATC 101 Flight for Controllers	1	ATC 200 Ground Control Operations	3
ATC 110 Air Traffic Basics	3	ATC 205 Ground Control Lab	2
ENG 123 College Composition	3	CIS CIS Elective	3
FYS 100 First Year Seminar	1	MAT 149 Topics in Finite Math	3
MAT 123 Quantitative Reasoning	3	PHY 106 Meteorology	3
Restricted Humanities Elective (c)	3		
	16		15

### SECOND YEAR

Fall Semester	CR	Spring Semester	CR
AER 150 Airport Operations, Safety & Security	3	AER 210 Aviation Law	3
AER 236 Flight Safety	3	ATC 260 En Route Control	3
ATC 250 Local Control	3	ATC 265 En Route Lab	2
ATC 255 Local Control Lab	2	ENG 211 Technical Writing	3
DEI 100 Identity, Power, and Equity in Modern Life	3	ETH 221 Professional & Applied Ethics	1
		PSY 121 Intro to Psychology	3
	14		15

Minimum Credit Hours required for degree: 60

**Advisement Notes:**

- (a) Any SUNY General Education Elective that satisfies knowledge area requirements for US History and Civic Engagement, or World History and Global Awareness, or World Languages