

**SUNY SCHENECTADY COUNTY**  
CURRICULUM WORKSHEET

PROGRAM: AVIATION SCIENCE (A.S.) (Pilot Option)  
HEGIS #5302                      SCCC Program Code #98

Program Entry Date:

Student Name:

Former College(s) Attended:

Social Security Number:

PROGRAM REQUIREMENTS	CR	GRADE	TRANSFER	SUNY GENERAL ED COMPLIANCE POSSIBILITIES - REFER TO TABLE IN ADVISEMENT MANUAL FOR SPECIFIC COURSES
AER 101 Introduction to Flight Lab	1			
AER 103 Introduction to Flight	4			
AER 140 Elements of Instrument Flight	4			
AER 141 Elements of Instrument Flight Laboratory	1			
AER 200 Commercial Operations	3			
AER 210 Aviation Law	3			
AER 228 Commercial Operations Lab I	1			
AER 229 Commercial Operations Lab II	1			
AER 236 Flight Safety	3			
AER Elective (a)	3			
ENG 123 College Composition	3			GENERAL EDUCATION Basic Communications
ENG 124 Literature and Writing	3			GENERAL EDUCATION Humanities
ETH 221 Technical and Applied Ethics	1			
FYS 100 First Year Seminar	1			
PHY 106 Meteorology	3			
PHY 153 General Physics I	4			GENERAL EDUCATION Natural Sciences
PHY 154 General Physics II	4			GENERAL EDUCATION Natural Sciences
MAT GEN ED Elective (b)	3-4			GENERAL EDUCATION Mathematics
MAT GEN ED Elective (c)	3-4			
FOREIGN LANGUAGE GEN ED Elective; or WESTERN CIV GEN ED Elective; or ARTS GEN ED Elective	3			FOREIGN LANGUAGE GEN ED Elective; or WESTERN CIV GEN ED Elective; or ARTS GEN ED Elective
AMER HISTORY GEN ED Elective; or OTHER WORLD CIV GEN ED Elective	3			AMER HISTORY GEN ED Elective; or OTHER WORLD CIV GEN ED Elective
Social Science Gen Ed Elective	3			SOCIAL SCIENCE GEN ED Elective
Social Science Gen Ed Elective; or AMER HIS GEN ED; or HUM GEN ED	3			Social Science Gen Ed Elective; or AMER HIS GEN ED; or HUM GEN ED
Minimum Credit Hours	61			

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

\*NOTE: A Gen Ed area which appears in italics with an asterisk indicates it can be completed by taking a course in any of the spots where it appears.

Reviewed by \_\_\_\_\_  
Date \_\_\_\_\_

**AVIATION SCIENCE  
ASSOCIATE IN SCIENCE**

**FIRST YEAR**

Fall Semester	CR	Spring Semester	CR
AER 103 Introduction to Flight	4	AER 140 Elements of Instrument Flight	4
AER 101 Introduction to Flight Lab	1	AER 141 Elements of Instrument Flight Lab	1
ETH 221 Technical and Applied Ethics	1	PHY 106 Meteorology	3
ENG 123 College Composition	3	ENG 124 Literature and Writing	3
FYS 100 First Year Seminar	1	Mathematics GEN ED Elective (c)	3-4
Mathematics GEN ED Elective (b)	3-4		14-15
	13-14		

**SECOND YEAR**

Fall Semester	CR	Spring Semester	CR
AER 200 Commercial Operations	3	AER 210 Aviation Law	3
AER 228 Commercial Operations Lab I	1	AER 229 Commercial Operations Lab II	1
AER 236 Flight Safety	3	PHY 154 General Physics II	4
PHY 153 General Physics I	4	Aviation Elective (a)	3
Social Science Gen Ed Elective	3	AMER HISTORY GEN ED Elective; or OTHER WORLD CIV GEN ED Elective	3
FOREIGN LANGUAGE GEN ED Elective; or WESTERN CIV GEN ED Elective; or ARTS GEN ED Elective	3	Social Science GEN ED Elective; or AMER HIS GEN ED; or HUM GEN ED	3
	17		17

Minimum Credit Hours required for degree: 61

**Advisement Notes:**

- (a) ELECTIVES: AER 102, AER 150, AER 214, AER 232, AER/ATC 280 (with permission of instructor), ATC 110
- (b) MATH ELECTIVES: MAT 147, 154 or Higher (if needed for MAT 167) ; PSY/SOC 200 does not satisfy the MAT Gen Ed for this program.
- (c) MATH ELECTIVES: MAT 167 or Higher