

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	SUNY GENERAL ED CATEGORY	SATISFIES LIBERAL ARTS AND SCIENCES
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	Communication: Written and Oral; Critical thinking and Reasoning	YES
ENG 124 Literature and Writing	3	Humanities; Information Literacy	YES
ETH 221 Technical and Applied Ethics	1		
FYS 100 First Year Seminar	1		
PHY 106 Meteorology	3		YES
PHY 153 General Physics I	4	Natural Sciences and Scientific Reasoning	YES
PHY 154 General Physics II	4	Natural Sciences and Scientific Reasoning	YES
Mathematics Restricted SUNY General Elective(b)	3-4	Mathematics and Quantitative Reasoning	YES
MAT 167 Precalculus with Analytic Geometry or Higher	3-4	Mathematics and Quantitative Reasoning	YES
World Languages General Education Elective	3	World Languages	YES
U.S. HISTORY World History SUNY General Education Elective	3	U.S. History and Civic Engagement OR World History and Global Awareness	YES
Diversity: Equity, Inclusion, and Social Justice SUNY General Education Elective	3	Diversity: Equity, Inclusion, and Social Justice	
Social Sciences or U.S. History SUNY General Education Elective	3	Social Sciences OR U.S. History and Civic Engagement	YES
Minimum Credit Hours	61	Total # Gen.Ed. Credits: 32	
		Total # Gen.Ed. Categories: 7	Total # Liberal Arts and Sciences Credits: 32

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

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	MAT 167 Precalculus with Analytic Geometry OR Higher	3-4
Mathematics Restricted SUNY General Education Elective	3-4		<u>14-15</u>
	<u>13-14</u>		

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
Diversity: Equity, Inclusion, and Social Justice SUNY General Education Elective	3	U.S. History OR World History SUNY General Education Elective	3
World Languages OR The Arts SUNY General Education Elective	3	Social Sciences OR U.S. History SUNY General Education Elective	3
	<u>17</u>		<u>17</u>

Minimum Credit Hours required for degree: 61

Advisement Notes:

- (a) Aviation Electives: AER 102, AER 150, AER 214, AER 232, AER/ATC 280 (with permission of instructor), ATC 110
- (b) Mathematics Restricted SUNY General Education Electives: MAT 147, 154 or Higher (if needed for MAT 167) ; PSY 200 does not satisfy the MAT Gen Ed for this program.