

SCHENECTADY COUNTY COMMUNITY COLLEGE

CURRICULUM WORKSHEET for AA and AS Programs

PROGRAM: **AVIATION SCIENCE (A.S.) (Non-Pilot: Administration and Management Concentration)**

HEGIS # 5302

SCCC Prgm Code #98A

PROGRAM REQUIREMENTS	CR	SUNY GENERAL EDUCATION CATEGORY	SATISFIES LIBERAL ARTS AND SCIENCES (YES)**
AER 120 Solo Operations	2		
AER 130 Navigation Operations	2		
AER 150 Airport Management & Security	3		
AER 210 Aviation Law	3		
AER 236 Flight Safety	3		
AER Elective (b)	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
FYS 100 First Year Seminar	1		
PHY 106 Meteorology	3		YES
ECO 221 Principles of Macroeconomics	3	Social Sciences	YES
ECO 223 Principles of Microeconomics	3	Social Sciences	YES
Mathematics Restricted SUNY General Education Elective (a)	3-4	Mathematics and Quantitative Reasoning	YES
ACC 121 Financial Accounting	4		
Science SUNY General Education Elective	3-4	Natural Sciences and Scientific Reasoning	YES
Science or Mathematics Restricted Elective (a)	3-4		YES
CIS 221 Computer Applications	3		
MGT 124 Business of the Capital Region	3		
World Languages OR The Arts SUNY General Education Elective	3	World Languages OR The Arts	
US History OR World History SUNY General Education Elective	3	U.S. History and Civic Engagement OR World History and Global Awareness	YES
CIV 100 Foundations of a Free Society	3	Diversity: Equity, Inclusion, and Social Justice; Civic Discourse	YES
Social Sciences OR Humanities SUNY General Education Elective	3	Social Sciences OR Humanities	YES
Minimum Credit Hours	63	**Total Gen. Ed. Knowledge and Skill Credits: 33-35	Total LAS Credits: 33-35
		*Total Gen. Ed. Knowledge and Skill Areas: 8	

*At least 7 distinct knowledge and skill areas are required: Communication, DEISJ, Mathematics, Natural Sciences, and at least 3 more; also required are the three core competencies of Critical Thinking, Information Literacy, and Civic Discourse.

**Must add up to at least 30 credits.

Additional Comments: Please refer to the notes below.

AVIATION SCIENCE

ASSOCIATE IN SCIENCE (Non-Pilot Option)

FIRST YEAR									
Fall Semester				CR		Spring Semester		CR	
AER	120	Solo Operations	2		AER	210	Aviation Law	3	
AER	130	Navigation Operations	2						
ENG	123	College Composition	3		ENG	124	Literature and Writing	3	
MGT	124	Business of the Capital Region	3				Mathematics Restricted Elective (a)	3-4	
FYS	100	First Year Seminar	1		CIS	221	Computer Applications	3	
PHY	106	Meteorology	3		CIV	100	Foundations of a Free Society	3	
ECO	221	Principles of Macroeconomics	3						
			17					15-16	
SECOND YEAR									
Fall Semester				CR		Spring Semester		CR	
AER	150	Airport Management	3		ACC	121	Financial Accounting	4	
AER	236	Flight Safety	3		ECO	223	Principles of Microeconomics	3	
		AER Elective (b)	3						
		Science SUNY General Education Elective	3-4				Science or Mathematics Restricted Elective (a)	3-4	
		World Languages OR The Arts SUNY General Education Elective	3				US History OR World History SUNY General Education Elective	3	
			15-16				Social Sciences OR Humanities SUNY General Education Elective	3	
								16-17	

Minimum Credit Hours required for degree: **63**

Advisement Notes:

- 1) Electives should be chosen in conjunction with the student's academic advisor, based upon major/program of study, transfer/articulation, and interest. Though students may develop an individualized sequence following program guidelines, the following courses are RECOMMENDED to facilitate ease of transfer:

Business/Management Majors:

- (a) MATH ELECTIVES: MAT 147, 154 or higher
PSY/SOC 200 does not satisfy the MAT Gen Ed for this program.
- (b) AER Elective: Any AER prefix; this elective could be used for AER 280: Aviation Internship (with permission of the instructor).

