



Certificates/AS-Aeronautical Aviation Technology 23-24

Recommended Plan of Study - Counseling

All courses with a + sign indicate a pre-requisite or co-requisite

General Aircraft Maintenance			
Term 1 AERO 120, Aircraft Gen. I (Cert./Major) summer only	7.5		
Term 2 (Semester: Maximum 19 units, 15 units recommended)	Units	Term 5 (Semester: Maximum 19 units, 15 units recommended)	Units
General Education Area D1 (English 101+)	3	General Education Area F (Diversity Studies)	3
General Education Area A (Natural Sciences)	3	Elective	3
General Education Area B (Social Sciences)	3	Elective	3
Program Elective (Maintenance) or Elective	3	Elective	3
Elective	3	Elective	3
Total	15	Total	15
Graduate			
Term 3 (Semester: Maximum 19 units, 15 units recommended)	Units	<p style="color: red;">Take Summer classes if needed to complete the program in a timely manner.</p> <p style="color: red;">The state requires all students to have a Comprehensive Educational Plan. Make a counseling appointment as soon as enrollment is established on any term. Come by the Counseling Center or call. Online Counseling is available: https://www.avc.edu/student-services/counseling</p>	
General Education C (Humanities)	3		
General Education Area D2. # (COMM 101)	3		
General Education Area E (Additional Breadth)	3		
Elective	3		
Elective	3		
Total	15		
Term 4 AERO 121, Aircraft General II (Cert./Major) summer	7.5		
Aircraft Airframe and Aircraft Powerplant			
Term 1 (Semester: Maximum 19 units, 15 units recommended)	Units	Term 3 (Semester: Maximum 19 units, 15 units recommended)	Units
Select either Airframe or Powerplant:		General Education Area D1 (English 101+)	3
AERO 230, Aircraft Airframe I (Certificate/Major)	15	General Education Area D2 (Communication and Analytical Thinking)	3
AERO 240, Aircraft Powerplant I (Certificate/Major)	15	General Education Area E (Additional Breadth)	3
		General Education Area F (Diversity Studies)	3
		Elective	3
Total	15	Total	15
Term 2 (Semester: Maximum 19 units, 15 units recommended)	Units	Term 4 (Semester: Maximum 19 units, 15 units recommended)	Units
Select either Airframe or Powerplant:		General Education Area B (Social Sciences) # (ECON 100 or PSY 102)	3
AERO 231, Aircraft Airframe II (Certificate/Major)	15	General Education Area C (Humanities)	3
AERO 241, Aircraft Powerplant II (Certificate/Major)	15	General Education Area A (Natural Sciences) # (CHEM 101 or PHYS 102)	4
		Elective	5
Total	15	Total	15
Transfer or Graduate			
<i>other requirements for degree</i>			
General Aircraft Maintenance		General Education	21-27
Major/Certificate Required Courses:		Proficiency (See Proficiency Requirements)	*
AERO 120, Aircraft General I*	7.5	Electives (Maintenance: 15-21) (Airframe or Powerplant: 3-9)	
AERO 121, Aircraft General II*	7.5		
Program Elective (see below)	3		
* Summer Only. Can begin with either 120 or 121			
Total Units Required for the Certificate or Major			60
Program Electives: Select 3 units from the following		Minimum Units Required for AS Degree:	
AFAB 110, Intro. Aircraft Structures, Blueprint & Manufacturing	3	Other Requirements:	
AFAB 115, Aircraft Structures	8	• Minimum grade of "C" required on each course	
AFAB 120, Composites Fabrication and Repair	7	• Maximum of 12 pass/no-pass units accepted for the Degree, 6 units for cert.	
AFAB 130, Aerospace Workplace Issues & Ethics	4	• Refer to catalog or online website for course listings and descriptions	
ELTE 252, Intro. to Avionics	3	AS General Education: At least 3 units from each of the following areas below: A, B, C, D1, D2, E, and F. Minimum Total GE Units Required: 21	
ELTE 254, Radio Telephone License	3	Area A Natural Sciences: (min. 3 units)	
Aircraft Airframe		Area B Social & Behavioral Sciences: (min. 3 units)	
Major/Certificate Required Courses:		AJ 201, 204, 206	
AERO 230, Aircraft Airframe I	15	HIST 101, 102, 104, 105, 107, 108, 110,	
AERO 231, Aircraft Airframe II	15	111, 113, 114,	
Total Units Required for the Certificate or Major:		POLS 101, 103, 200, 201+, 202+, 203+	
30		PSY 101, 200+, 201+, 212+, 230+, 232,	
Aircraft Powerplant		233+, 234+, 235+, 236+	
Major/Certificate Required Courses:		SOC 101, 105, 110, 111, 112, 115, 116,	
AERO 240, Aircraft Powerplant I	15	120, 200+	
AERO 241, Aircraft Powerplant II	15	GEOG 105, 106, 110	
Total Units Required for the Certificate or Major		GEOG 105, 106, 110	
30		GEOG 105, 106, 110	
Airframe & Powerplant License		GEOG 105, 106, 110	
To obtain an FAA Airframe & Powerplant license complete the following courses:			
AERO 120, Aircraft General I* + AERO 121, Aircraft General II*	15	GEOG 105, 106, 110	
AERO 230, Aircraft Airframe I + AERO 231, Aircraft Airframe II	30	GEOG 105, 106, 110	
AERO 240, Aircraft Powerplant I + AERO 241, Aircraft Powerplant II	30	GEOG 105, 106, 110	
Total Units Required:		GEOG 105, 106, 110	
75		GEOG 105, 106, 110	

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Area C Humanities: (min. 3 units)

ART 100, 101, 102, 103, 104, 106, 110, 113, 120, 132, 135, 136+, 137+, 140, 145, 150, 163+, 170+, 210+, 213+
 CHIN 101, 102+, 201+, 202+
 COMM 112, 114, 214+, 217+, 219+
 DA 101
 DFST 101, 102+, 105, 106, 201+, 202+
 ENGL 102, 111+, 112+, 221+, 222+, 225+, 227+, 230+, 231+, 235+, 242+, 253+, 256+, 257+, 259+, 265+, 279+
 FREN 101, 102+, 201+, 202+, 203+
 FTV 101, 103, 107, 108, 201, 203, 241, 251, 261
 GER 101, 102+, 201+, 202+
 HIST 101, 102, 104, 105, 107, 108, 110, 111, 113, 115, 118, 119
 LATN 101, 102+, 201+
 MUS 101, 105, 111, 121, 131, 132+, 151+, 153+, 185+, 231+, 232+, 251A+, 251B+, 253A+, 253B+
 MUSC 102, 103, 107, 108, 109
 NF 150
 PHIL 105, 106, 108, 109
 PHOT 107
 PHTC 101, 150+, 201+
 SPAN 101, 110SS, 102+, 201+, 202+, 210SS+, 220SS+
 THA 101, 102, 103, 110, 115A, 115B+, 116A+, 116B+, 117A+, 117B+, 118A+, 118B+, 121A, 121B, 130, 133, 225+, 239

Area D Language & Rationality: (min. 3 units from (1) and 3 units from (2))

1. *Academic Composition:* Courses fulfilling the written composition requirement shall be designed to include both expository and argumentative writing.

ENGL 101+
 2. *Communication and Analytical Thinking*
 BUS 113+
 CA 103
 CS 120, 121, 122, 123
 COMM 101, 107, 109, 112, 114, 115, 217+, 219+
 ENGL 102+, 103+
 GEOG 201, 205
 MATH 110+, 115+, 116+, 120+, 124+, 128+, 135+, 140+, 148+, 150+, 160+, 220+, 230+, 250+
 PHIL 101, 106, 110, 201+

Area E - Additional Breadth: (min. 3 units)

From areas A**, B**, C**, D2, ** or
 DA 111
 HD 100, 101, 102, 103, 105
 HE 101, 120, 201 NF 100, 102, 103, 110
 KINT 100
 LIB 107, 110
 Any DA activity course(s) from DA102-205, except DA 107A-C, 108, 109, and 111. Any Kinesiology Fitness (KINF) activity course, Intercollegiate Athletics (IATH) activity course, or up to 4 units for military experience. *(ID courses no longer offered 20-21)

**** Courses must be taken from a discipline not previously selected.**

Area F Diversity Studies: (min. 3 units)

ANTH 102, 112 FTV 201, 203
 BUS 212 HE 201+
 CFE 116+ HIST 110, 111, 113
 COMM 114, 217+, 219+ MUSC 107, 108
 DFST 105, 106 POLS 202+
 ECON 110 SOC 105, 110, 116
 ENGL 250+, 253+, 256+, 2 THA 239

Proficiency Requirements

Proficiency requirements exist for the areas of Writing and Math. Students must demonstrate competency in each of these areas in order to be eligible for the associate degree.

A. WRITING

Completion of ENGL 101 with a minimum grade of "C." NOTE: ENGL 101 may be taken with the Pass/No Pass option; however, students are cautioned that other colleges and universities may not accept ENGL 101 courses taken on a Pass/No Pass basis, especially for satisfaction of general education and major requirements. Students planning to transfer should check college catalogs for applicable policies.

B. MATHEMATICS

Completion of MATH 102 or higher or CIS 121 with a satisfactory grade or placement by AVC assessment into a math course higher than MATH 102.

***Fulfilling proficiencies** will not require any extra units if the competencies are demonstrated by including the required courses in the general education, or major requirements, or by satisfying the reading proficiency through AVC's policy.

Electives: The remaining number of units (up to a minimum of 60) are considered electives. Any course that has already been counted toward (1) the general education requirements, or (2) the major, cannot be used as an elective. Any course with a designation of "AVC" at the end of a course description can be used

Advisory: A condition of enrollment that a student is advised, but not required, to meet before or in conjunction with enrollment in a course or educational program.

Prerequisite: A condition of enrollment that a student is required to meet in order to demonstrate current readiness for enrollment in a course or educational program. Prerequisites are enforced and a student will be blocked from enrolling or involuntarily dropped after enrolling if the student does not meet the stated prerequisite. A student must complete a course prerequisite with a satisfactory grade of A, B, C or P (pass).

Corequisite: A condition of enrollment consisting of a course that a student is required to simultaneously take in order to enroll in another course. Corequisites are enforced and a student will be blocked from enrolling if the student does not meet the stated corequisite.

Double Counting: While a course might satisfy more than one general education requirement, it may not be counted more than once for these purposes. A course may be used to satisfy both a general education requirement and a major or area of emphasis requirement.

Residency: Minimum of 12 units completed at AVC with a minimum of 9 of those units completed from the certificate/major. (credit earned by examination will not be included in these 12 units) Title 5, Section 54000: <http://ccr.oal.ca.gov>

Requirements for Two or More Associate Degrees: To be eligible for multiple associate degrees, a student must have completed all of the graduation requirements for each degree.

Transfer: Students planning to continue studies at a four-year college or university after AVC should visit the Transfer Resource Center or the Counseling Center and consult with a counselor as soon as possible to develop a plan of studies. Additional preparation for the major information on official transfer articulation agreements from AVC to many CSU/UC campuses can be found at the following Web site: www.assist.org

The "Catalog Rights Policy" sets forth the criteria used for determining the degree requirements under which students may graduate. Please refer to the AVC Catalog for a detailed description or consult with a counselor.