



Certificate - AS - Wildland Fire Technology 21-22

Recommended Program Sequence

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

Term 1 (Fall/Spring: Max. 19 units, 12-15 u. recommended)	Units	Term 3 (Fall/Spring: Max. 19 units, 12-15 u. recommended)	Units
FTW 122, Wildland Public Info. Officer, Prev. and Investigation	3	FTW 222+, Wildland Fire Behavior	3
Program Elective	3	FTW 123, Wildland Fire Operation	3
Program Elective	3	Program Elective	3
General Education Area D1 (English 101+)	3	General Education Area A (Science)	3
General Education Area E (Additional Breadth)	3	General Education Area F (Diversity Studies)	3
Total	15	Total	15
Term 2 (Fall/Spring: Max. 19 units, 12-15 u. recommended)	Units	Term 4 (Fall/Spring: Max. 19 units, 12-15 u. recommended)	Units
FTW 121, Wildland Firefighter	4	Program Elective	2
FTW 221+, Wildland Firefighter Safety and Survival	3	General Education Area B (Social Science)	3
Program Elective	3	Elective	3
General Education Area D2	3	Elective	3
General Education C (Humanities)	3	Elective	3
(Summer: Max. 15 units, 12 units recommended)	Total	Total	14
	16		

Transfer or Graduate

Take Summer classes if needed to complete the program in a timely manner.

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>

Certificate - Major Required Courses:	Units	Area C Humanities: (min. 3 units)
FTW 121, Wildland Firefighter	4	ART 100, 101, 102, 103, 104, 106, 110, 113, 120, 132, 135, 136+, 137+, 140, 145, 150, 163+, 170+, 210+, 213+
FTW 122, Wildland Public Info. Officer, Prev. and Investigation	3	CHIN 101, 102+, 201+, 202+
FTW 123, Wildland Fire Operation	3	COMM 103, 112, 114, 214+
FTW 221+, Wildland Firefighter Safety and Survival	3	DA 101
FTW 222+, Wildland Fire Behavior	3	DFST 101, 102+, 105, 106, 201+, 202+
Program Electives (See below)	14	ENGL 102, 111+, 112+, 221+, 222+, 225+, 227+, 230+, 231+, 235+, 242+, 253+, 256+, 257+, 259+, 265+, 279+
Program Electives - Complete 14 units from the following:	Units	FREN 101, 102+, 201+, 202+, 203+
EMT 101, Emergency Medical Technician (EMT)	5.5	FTV 101, 103, 107, 108, 201, 203, 241, 251, 261
FTEC 111, Fire Protection Organization	3	GER 101, 102+, 201+, 202+
FTEC 112, Fire Prevention Technology	3	HIST 115
FTEC 117, Preparing to be a Firefighter	3	ID 150, 201 (ID courses no longer offered 20-21)
FTEC 125, Haz Mat First Responder Operations	1.5	LATN 101, 102+, 201+
FTW 124+, Wildfire Power Saws	2	MUS 101, 105, 111, 131, 132+, 151+, 153+, 185+, 231+, 232+, 251A+, 251B+, 253A+, 253B+
FTW 223, Wildland Engine Firefighter	4	MUSC 102, 103, 107, 108
FTW 224, Wildland Fire Control	3	PHIL 105, 106, 108, 109
GEOG 201, Map Interpretation and GPS	4	PHOT 107
GEOG 205, Intro. to Geographic Information Systems	3	PHTC 101, 150+, 201+
Minimum Units Required for the Major:	30	SPAN 101, 110SS, 102+, 201+, 202+, 210SS+, 220SS+
<i>other requirements for degree</i>		THA 101, 102, 103, 110, 115A, 115B+, 116A+, 116B+, 117A+, 117B+, 118A+, 118B+, 121A, 121B, 130, 133, 225+,
General Education	21-27	Area D Language & Rationality: (min. 3 units from (1) and 3 units from (2))
Proficiency (See Proficiency Requirements)	*	1. <i>Academic Composition:</i> Courses fulfilling the written composition requirement shall be designed to include both expository and argumentative writing.
Electives	3-9	ENGL 101+
Minimum Units Required for AS Degree	60	2. <i>Communication and Analytical Thinking</i>
Other Requirements:		BUS 113+
• Minimum grade of "C" required on each course		CA 103
• Maximum of 12 pass/no-pass units accepted for the Degree and 6 units for cert.		CIS 101, 111, 141, 157, 161
• Refer to catalog or online website for course listings and descriptions		COMM 101, 103, 107, 109, 112, 114, 115, 217+, 219+
AS General Education: At least 3 units from each of the following areas below:		ENGL 102+, 103+
A, B, C, D1, D2, E, and F. Minimum Total GE Units Required: 21		GEOG 201, 205
Area A Natural Sciences: (min. 3 units)		MATH 102+, 110+, 115+, 116+, 120+, 124+, 128+, 135+, 140+, 148+ 150+, 160+, 220+, 230+, 250+
ANTH 101, 101L		PHIL 101, 106, 110, 201+
ASTR 101+, 101L+		Area E - Additional Breadth: (min. 3 units)
BIOL 100, 101+, 101L+, 102, 103, 104, 110+, 120+, 201+, 202+, 204+,		From areas A**, B**, C**, D2,** or
CHEM 101+, 102+, 110+		CFE 102
ELTE 101		COMM 103, 107, 219+
ERSC 101+		DFST 105
GEOG 101+, 101L+, 102, 102L+		HD 100, 101, 102, 103, 105
GEOL 101+, 101L+, 102+, 102L+		HE 101, 120, 201
PHYS 101, 102+, 110+, 120+, 211+		ID 100, 120 (ID courses no longer offered 20-21)
PSCI 101		KINT 100
Area B Social & Behavioral Sciences: (min. 3 units)		LIB 107, 110
AJ 201, 204, 206		MUSC 108
ANTH 102, 103, 112, 140		NF 100, 102, 103, 110, 150
BUS 101		PSY 212
CFE 102		SOC 111, 116 ** Courses must be taken from a discipline not previously selected.
COMM 217+		Any DA activity course(s) from DA102-205, except DA 107A-C, 108, 109, and 111.
DFST 105		Any Kinesiology Fitness (KINF) activity course, Intercollegiate Athletics (IATH) activity course, or up to 4 units for military experience.
ECON 100, 101+, 102+, 110		
GEOG 105, 106, 110		
HIST 101, 102, 104, 105, 107, 108, 110, 111, 113, 114, 116+, 118, 119		
POLS 101, 103, 200, 201+, 202+, 203+		
PSY 101, 201+, 212+, 230+, 232, 233+, 234+, 235+, 236+		
SOC 101, 105, 110, 111, 112, 115, 116, 120		

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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+, 257+, 259+	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 as an elective.

Grade Point Average Requirement: An overall grade point average of 2.0 ("C" average) is required.

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.

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 co-requisite.