



# Certificate - AS - Wildland Fire Technology 23-24

## Recommended Plan of Study - Counseling

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: FTEC 111 or 112 or 117		3	FTW 123, Wildland Fire Operation		3
Program Elective: FTEC 111 or 112 or 117		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 C (Humanities)		3
Total		<b>15</b>	Total		<b>15</b>
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		2.5
FTW 221+, Wildland Firefighter Safety and Survival		3	General Education Area F (Diversity Studies)		3
Program Elective #FTEC 125 & FTW 124		2.5	Elective		3
General Education Area B (Social Science)		3	Elective		3
General Education Area D2		3	Elective		3
(Summer: Max. 15 units, 12 units recommended) Total		<b>16</b>	Total		<b>15</b>

### 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,
FTW 122, Wildland Public Info. Officer, Prev. and Investigation	3	150, 163+, 170+, 210+, 213+
FTW 123, Wildland Fire Operation	3	CHIN 101, 102+, 201+, 202+
FTW 221+, Wildland Firefighter Safety and Survival	3	COMM 112, 114, 214+, 217+, 219+
FTW 222+, Wildland Fire Behavior	3	DA 101
Program Electives (See below)	14	DFST 101, 102+, 105, 106, 201+, 202+
Program Electives - Complete 14 units from the following:	Units	ENGL 102, 111+, 112+, 221+, 222+, 225+, 227+, 230+, 231+, 235+, 242+, 253+, 256+, 257+, 259+, 265+, 279+
EMT 101, Emergency Medical Technician (EMT)	5.5	FREN 101, 102+, 201+, 202+, 203+
FTEC 111, Fire Protection Organization	3	FTV 101, 103, 107, 108, 201, 203, 241, 251, 261
FTEC 112, Fire Prevention Technology	3	GER 101, 102+, 201+, 202+
FTEC 117, Preparing to be a Firefighter	3	HIST 101, 102, 104, 105, 107, 108, 110, 111, 113, 115, 118, 119
FTEC 125, Haz Mat First Responder Operations	1	LATN 101, 102+, 201+
FTW 124+, Wildfire Chain Saws	1.5	MUS 101, 105, 111, 121+, 131, 132+, 151+, 153+, 185+, 231+, 232+, 251A+, 253A+, 253B+
FTW 223, Wildland Engine Firefighter	4	MUSC 102, 103, 107, 108, 109
FTW 224, Wildland Fire Control	3	NF 150
GEOG 201, Map Interpretation and GPS	4	PHIL 105, 106, 108, 109
GEOG 205, Intro. to Geographic Information Systems	3	PHOT 107
Minimum Units Required for the Major:	<b>30</b>	PHTC 101, 150+, 201+
<i>other requirements for degree</i>		SPAN 101, 110SS, 102+, 201+, 202+, 210SS+, 220SS+
General Education	21-27	THA 101, 102, 103, 110, 115A, 115B+, 116A+, 116B+, 117A+, 117B+, 118A+, 118B+, 121A, 121B, 130, 133, 225+,
Proficiency (See Proficiency Requirements)	*	<b>Area D Language &amp; Rationality: (min. 3 units from (1) and 3 units from (2))</b>
Electives	3-9	1. <i>Academic Composition:</i> Courses fulfilling the written composition requirement shall be designed to include both expository and argumentative writing.
Minimum Units Required for AS Degree	<b>60</b>	ENGL 101+
<b>Other Requirements:</b>		2. <i>Communication and Analytical Thinking</i>
<ul style="list-style-type: none"> <li>Minimum grade of "C" required on each course</li> <li>Maximum of 12 pass/no-pass units accepted for the Degree and 6 units for cert.</li> <li>Refer to catalog or online website for course listings and descriptions</li> </ul>		BUS 113+
<b>AS General Education: At least 3 units from each of the following areas below:</b>		CA 103
<b>A, B, C, D1, D2, E, and F. Minimum Total GE Units Required: 21</b>		CS 120, 121, 122, 123
Area A Natural Sciences: (min. 3 units)		COMM 101, 107, 109, 112, 114, 115, 217+, 219+
ANTH 101, 101L		ENGL 102+, 103+
ASTR 101+, 101L+		GEOG 201, 205
BIOL 100, 101+, 101L+, 102, 103, 104, 110+, 120+, 201+, 202+, 204+,		MATH 110+, 115+, 116+, 120+, 124+, 128+, 135+, 140+, 148+
CHEM 101+, 102+, 110+, 120+, 210+, 220+		150+, 160+, 220+, 230+, 250+
ELTE 101		PHIL 101, 106, 110, 201+
ERSC 101+		<b>Area E - Additional Breadth: (min. 3 units)</b>
GEOG 101+, 101L+, 102, 102L+		From areas A**, B**, C**, D2, ** or
GEOL 101+, 101L+, 102+, 102L+		DA 111
PHYS 101, 102+, 110+, 120+, 211+		HD 100, 101, 102, 103, 105
PSCI 101		HE 101, 120, 201
Area B Social & Behavioral Sciences: (min. 3 units)		KINT 100
AJ 201, 204, 206		LIB 107, 110
ANTH 102, 103, 110, 112, 140		NF 100, 102, 103, 110
BUS 101, 212		
CFE 102, 103+		
COMM 217+		
DFST 105, 106, 110		
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, 200+, 201+, 212+, 230+, 232, 233+, 234+, 235+, 236+		
SOC 101, 105, 110, 111, 112, 115, 116, 120, 200+		

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.

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

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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](http://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.