



ABOUT THIS MAJOR

Students who complete the associate degree have enhanced employability in the field of fire fighting. They are well prepared full-time, permanent positions rather than temporary, on-call positions. Additionally, they have enhanced for promotional opportunities into supervisory and management positions as they gain experience with various agencies. The associate degree will also provide students with a broad range of knowledge with which to evaluate and appreciate the physical environment, the culture, and the society in which they live and with the ability to think and communicate clearly and effectively. For more information, visit the [Health and Safety Sciences](#) division.

TO EARN A DEGREE A STUDENT MUST COMPLETE THE FOLLOWING:

- [1] Completion of a minimum of 60-semester units or 90 quarter units of degree applicable courses
- [2] A minimum of 18-semester units in a major
- [3] Completion of 21 units AVC General Education Requirements
- [4] Minimum overall grade point average of 2.0
- [5] A "C" or better in all courses required for the major

A.S. Fire Technology (FT)

[Total Units Required for the Major 30]

Required courses, complete ALL the following (total 18 units)	
FTEC109 - Prin of Fire & Emergency Services Safety and Survival <i>Prerequisite: Completion of or concurrent enrollment in FTEC 111</i>	3
FTEC111 - Fire Protection Organization	3
FTEC112 - Fire Prevention Technology	3
FTEC113 - Fire Protection Equipment and Systems	3
FTEC211 - Fire Behavior and Combustion <i>Prerequisite: Completion of or concurrent enrollment in FTEC 111</i>	3
FTEC212 - Building Construction for the Fire Service <i>Prerequisite: Completion of or concurrent enrollment in FTEC 111</i>	3

Program Electives, complete a to 12 units from the following:	
EMT101 - Emergency Medical Technician (EMT)	8
FTEC117 - Preparing to be a Firefighter	3
FTEC125 - Hazardous Materials First Responder Operation	2
FTEC215 - Rescue Practices <i>Prerequisite: Completion of or concurrent enrollment in FTEC 111</i>	3
FTEC290A - Physical Fitness and Ability for the Firefighter <i>Prerequisite: Completion of or concurrent enrolment in FTEC 295A</i>	1
FTEC290B - Physical Fitness and Ability for the Firefighter <i>Prerequisite: FTEC 290A and completion of or concurrent enrolment in FTEC 295B</i>	1
FTEC295A - Firefighter 1 Academy Module A <i>Limitation on Enrollment</i>	8
FTEC295AL - Firefighter 1 Academy Module A Lab <i>Limitation on Enrollment</i>	3
FTEC295B - Firefighter 1 Academy Module B <i>Limitation on Enrollment</i>	8
FTEC295BL - Firefighter 1 Academy Module B Lab <i>Limitation on Enrollment</i>	3
FTW121 - Wildland Firefighter	4
FTW122 - Wildland Public Information Officer, Prevention, and Investigation	3
FTW123 - Wildland Fire Operations	3
FTW124 - Wildfire Chain Saws <i>Prerequisite: Completion of or concurrent enrollment in FTW 121 or FTW 285, and completion of HE 100.</i>	1.5
FTW221 - Wildland Firefighter Safety and Survival	3
FTW222 - Wildland Fire Behavior <i>Prerequisite: Completion of or concurrent enrollment in one of the following FTW 121, FTW 123, FTW 224, or FTW 285</i>	3
FTW223 - Wildland Engine Firefighter <i>Prerequisite: Completion of or concurrent enrollment in one of the following: FTW 121, FTW 123, FTW 224, or FTW 285</i>	4
FTW224 - Wildland Fire Control <i>Prerequisite: Completion of or concurrent enrollment in FTW 121, FTW 123, or FTW 285.</i>	3
GEOG201 - Map Interpretation and GPS	4

RECOMMENDED PATHWAY

A.S. Fire Technology

The Recommended Plan of Study is determined by the discipline faculty
Take classes in Summer or Intersession if needed to complete your degree in a timely manner!

Fall/Spring: Max 19 units | Summer: Max 9 units | Intersession: Max 6 units

SEMESTER 1	
Course	Units
FTEC 109	3
FTEC 111	3
FTEC 112	3
FTEC 113	3
AVC GE AREA 1A: ENGLC1000	4
AVC GE AREA 2: MATH CONCEPTS & QUANT. RSG.	3
Total Units	16

SEMESTER 2	
Course	Units
FTEC 212	3
EMT 101	8
AVC GE AREA 2: MATH CONCEPTS & QUANT. RSG.	3
PROGRAM ELECTIVE: FTEC 290A (rec.)	1
Total Units	15

SEMESTER 3	
Course	Units
FTEC 211	3
FTEC 117	3
AVC GE AREA 5: NATURAL SCIENCE	3
AVC GE AREA 6: ETHNIC STUDIES	3
GENERAL ELECTIVE	3
AVC GE AREA :ARTS & HUMANITIES	3
Total Units	13

SEMESTER 4	
Course	Units
AVC GE ARE 1B: ORAL COMM & CRITICAL THINK	3
AVC GE AREA 4: SOCIAL & BEHAV. SCIENCES	3
GENERAL ELECTIVE	3
GENERAL ELECTIVE	3
AVC GE AREA :ARTS & HUMANITIES	3
Total Units	14

2026-2027 AVC General Education Requirements

Advising Form Effective Fall 2026 - Summer 2027

GE AREA	COMPLETED	IN PROGRESS	NEED	The requirements for an AA or AS degree include the following: 1. A minimum of 60 semester units; with at least 12 semester units completed in residence at AVC for an AA/AS degree (credit earned by examination will not be included in these 12 units); maximum of 12 pass/no-pass credit units can be accepted towards an AA/AS degree. 2. Refer to each individual program for major requirements. All major courses as specified in the AVC catalog must be completed with a grade of "C" or better. 3. An overall grade point average (GPA) of 2.0 ("C" average) is required. Double counting: While a course may 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. Prerequisite: If a course is listed as a prerequisite for another course, that prerequisite course must be completed with a satisfactory grade in order to enroll in the next course. A satisfactory grade is a grade of "A," "B," "C" or "P". Students who enroll in classes for which they do not meet the prerequisites will be involuntarily dropped. Students will be notified of this involuntary drop. Complete at least 3 semester units from each of the following areas below: 1A, 1B, 2, 3, 4, 5, and 6. Completion of 1a requires a minimum a grade of "C" or "P". Minimum Total GE Units Required 21 semester units or 28-31.5 quarter units.
AREA 1: ENGLISH COMPOSITION, ORAL COMMUNICATION, AND CRITICAL THINKING				
2 courses required, one from Area A and one from Area B, 6 semester or 8 quarter units				
1A				Group A: English Composition: ENGL C1000, ENGL C1000H
1B				Group B: Oral Communication and Critical Thinking: COMM C1000, C1000H; ENGL C1001, C1001H, C1002, C1002H; PHIL 201
AREA 2: Mathematical Concepts and Quantitative Reasoning				
1 course, 3 semester or 4 quarter units				
2				MATH 103, 110, 116, 124, 128, 140, 148, 149, 150, 150H, 160, 220, 230, 250; STAT C1000, C1000H
AREA 3: ARTS AND HUMANITIES				
1 courses, 3 semester units or 4 quarter units				
3				ART 100, 103, 104, 106, 113, 132, 135, 137, 140, 145, 163, 170, 213; ARTH C1100, C1100H, C1200, C1200H; CHIN 101, 102, 201, 202; DFST 101, 102, 201, 202; COMM 112, 114, 217, 219; DA 101, 113; ENGL 114, 221, 222, 225, 227, 230, 231, 235, 242, 253, 253H, 256, 257, 259, 265, 279, C1002, C1002H; FREN 101, 102, 201, 202, 203; FTV 101, 107, 108, 201, 203, 251, 261; GER 101, 102, 201, 202; HIST 104, 105, 110, 110H, 111, 111H, 113, 115, 119, C1001, C1001H, C1002, C1002H; LATN 101, 102, 201; MUS 101, 101H, 105, 106, 110, 111, 120, 151; MUSC 102, 103, 107, 108, 109; PHIL 105, 105H, 106, 108, 109, 230, 240; NF 150; PHOT 107; PHTC 101, 150, 201; SPAN 101, 102, 110SS, 201, 202, 203, 210SS, 220SS; THA 101, 101H, 102, 103, 104, 106, 110, 111, 130, 225, 239, 239H, 240
AREA 4: SOCIAL AND BEHAVIORAL SCIENCE				
1 course, 3 semester units or 4 quarter units				
4				AJ 206; ANTH 102, 103, 110, 112, 112H, 140; BUS 212; CFE 102, 103; DFST 105, 106, 110; ECON 100, 110, C2001, C2001H, C2002, C2002H; GEOG 105, 106, 110; HIST 104, 105, 110, 110H, 111, 111H, 113, 114, 116, 118, 119, C1001, C1001H, C1002, C1002H; POLS 103, 200, 201, 202, 203, C1000, C1000H; PSY 200, 201, 212, 230, 232, 233, 234, 235, 236; PSYC C1000, C1000H; SOC 105, 110, 111, 112, 115, 116, 120, 200; SOCI C1000, C1000H
AREA 5: NATURAL SCIENCES				
1 course, 3 semester units or 4 quarter units				
5				ANTH 101, 101H; ASTR C1001, C1001H; BIOL 100, C1001#, 102, 103, 104, 104H, 110, 120, 201, 202, 204, 205; CHEM 101, 102, 110, 120, 210, 220; ELTE 101; ERSC 101; GEOG 101, 102; GEOL 101, 101H, 102; PHYS 101, 102, 110, 120, 211; PSCI 101 # Students must register separately for the required lab component of BIOL 101L
AREA 6: ETHNIC STUDIES				
1 course, 3 semester units or 4 quarter units				
6				ETHN 101, 102, 110, 111, 112, 113, 114; ENGL 257 or ETHN 257EN

COUNSELING NOTE SECTION

Prerequisite: If a course is listed as a prerequisite for another course, that prerequisite course must be completed with a satisfactory grade to enroll in the next course. A satisfactory grade is a grade of "A," "B," "C" or "P". Students who enroll in classes for which they do not meet the prerequisites will be involuntarily dropped. Students will be notified of this involuntary drop. Title 5, Section 55200(d)

Application for Graduation:

Antelope Valley College awards degrees three times annually following the Fall, Spring, and summer semesters. Students must apply for graduation to earn their degree or certificate. Applications are due by September 6 for spring/summer graduates and by February 14 for fall graduates.

AVC 26-27 CATALOG: [ACADEMIC POLICIES](#)

INFORMATION and RESOURCES

Tutoring Assistance
Transfer Center
Basic Needs

Career Center
Office of Students with Disabilities
Financial Aid

AVC Student Health Services
Palmdale Center
Counseling Division