A.S. Computer Networking Mult-Platform 25-26

ABOUT THIS MAJOR

Students who complete the associate degree have enhanced employability in several fields and are well prepared for entry-level career opportunities in areas such as computer repair, service, maintenance, and installation of computer network hardware and software. The associate degree will also provide students with a broad range of knowledge with which to evaluate and appreciate the physical environment, culture, and society in which they live, with the ability to think and communicate clearly and effectively. Except in cases of a prerequisite requirement, it is not required that courses be taken in exactly this sequence; they are recommended in this order to facilitate success. For more information, visit the Social and Behavioral 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.- Computer Networking Multiplatform
[Total Units Required for the Major 31]

Required Courses, complete ALL courses (total 21units)	
CA107 - Microcomputer Hardware and Software Support	4
CA151 - Microcomputer Operating System	3
CA157 - Introduction to Linux	3
CA159 - SUSE Linux Server Administration	3
CA171 - Introduction to Networking	3
CA175 - Administering Windows Server	3
CA176 - Windows Server Networking	3
CA182 - Network Security	3
CA153 - Windows Installation and System Support	3

Program Electives, choose one and complete total of 3 units	
CA103 - Introduction to Computers and Digital Technology	3
CA131 - Relational Database Management and Design	3
CA132 - Oracle SQL Database Management	3
CA183 - Security Countermeasures	3

RECOMMENDED PATHWAY
Associate of Science in Computer Networking Multi-platform

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

🟦 Major   🟢 General Education   🔺 General Elective

SEMESTER 1

Course	Units
🟦 CA 107	4
🟦 CA 151	3
🟢 AVC GE Area 1A: EnglC1000/H {formally Engl 101}	3
🟢 AVC GE Area 2: Math Conpts. & Quant. Rsng.	3-4
🔺 GENERAL ELECTIVE	3
Total Units	15-16

SEMESTER 2

Course	Units
🟦 CA 153	3
🟦 CA 171	3
🟦 CA 175	3
🟢 AVC GE AREA 4: Social & Behavioral Sciences	3
🟢 AVC GE Area 3: Arts & Humanities	3
Total Units	15

SEMESTER 3

Course	Units
🟦 CA 157	3
🟦 CA 176	3
🟦 CA 182	3
🟢 AVC GE AREA 1B: Oral Comm & Critical Think.	3
🔺 GENERAL ELECTIVE	3
Total Units	15

SEMESTER 4

Course	Units
🟦 CA 159	3
🟦 Program Elective: CA 183 (rec.)	3
🟢 AVC GE Area 5: Natural Sciences	3
🟢 AVC GE Area 6: Ethnic Studies	3
🔺 GENERAL ELECTIVE	3
Total Units	15
TOTAL DEGREE UNITS	**60-61**

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 25-26 CATALOG: ACADEMIC POLICIES

INFORMATION and RESOURCES

Tutoring Assistance	Career Center	AVC Student Health Services
Transfer Center	Office of Students with Disabilities	Palmdale Center
Basic Needs	Financial Aid	Counseling Division

2025-2026 AVC General Education Requirements

Advising Form Effective Fall 2025 - Summer 2026

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 and AVC Area 1A 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. *Title 5, Section 55200(d)* **Complete at least 3 semester units from each of the following areas below: 1A, 1B, 2, 3, 4, 5, and 6.** **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

GE AREA	COMPLETED	IN PROGRESS	NEED	
1A				**Area 1A: English Composition:** ENGL C1000, ENGL C1000H
1B				**Area 1B: Oral Communication and Critical Thinking:** COMM C1000, C1000H; ENGL C1001, C1001H, 102, 102H; PHIL 201

AREA 2: Mathematical Concepts and Quantitative Reasoning
1 course, 3 semester or 4 quarter units

GE AREA	COMPLETED	IN PROGRESS	NEED	
2				MATH 103, 110, 116, 124, 128, 140, 148, 150, 150H, 160, 220, 230, 250; STAT C1000, C1000H

AREA 3: ARTS AND HUMANITIES
1 courses, 3 semester units or 4 quarter units

GE AREA	COMPLETED	IN PROGRESS	NEED	
3				ART 100, 101, 101H, 102, 102H, 103, 104, 106, 113, 132, 135, 137, 140, 145, 163, 170, 213; CHIN 101, 102, 201, 202; DFST 101, 102, 201, 202; COMM 112, 114, 217, 219; DA 101, 113; ENGL 102, 102H, 114, 221, 222, 225, 227, 230, 231, 235, 242, 253, 253H, 256, 257, 259, 265, 279; FREN 101, 102, 201, 202, 203; FTV 101, 107, 108, 201, 203, 251; GER 101, 102, 201, 202; HIST 104, 105, 107, 107H, 108, 108H, 110, 110H, 111, 111H, 113, 115, 119; 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, 130, 140; 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, 225, 239, 239H, 240

AREA 4: SOCIAL AND BEHAVIORAL SCIENCE
1 course, 3 semester units or 4 quarter units

GE AREA	COMPLETED	IN PROGRESS	NEED	
4				AJ 206; ANTH 102, 103, 110, 112, 112H, 140; BUS 212; CFE 102, 103; DFST 105, 106, 110; ECON 100, 101, 101H, 102, 102H, 110; GEOG 105, 106, 110; HIST 104, 105, 107, 107H, 108, 108H, 110, 110H, 111, 111H, 113, 114, 116, 118, 119; POLS C1000, C1000H, 103, 200, 201, 202, 203; PSY 200, 201, 212, 230, 232, 233, 234, 235, 236; PSYC C1000, C1000H; SOC 101, 101H, 105, 110, 111, 112, 115, 116, 120, 200;

AREA 5: NATURAL SCIENCES
1 course, 3 semester units or 4 quarter units

GE AREA	COMPLETED	IN PROGRESS	NEED	
5				ANTH 101, 101H; ASTR 101, 101H; BIOL 100, 101#, 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, 102; PHYS 101, 102, 110, 120, 211; PSCI 101 #Students must register for the required lab component (BIOL 101L) separately.

AREA 6: ETHNIC STUDIES
1 course, 3 semester units or 4 quarter units

GE AREA	COMPLETED	IN PROGRESS	NEED	
6				ETHN 101, 102, 110, 111, 112, 113, ENGL 257 or ETHN 257EN