



## ABOUT THIS MAJOR

The Computer Networking Program consists of two parts: the Computer Networking Certificate-a 19-unit, entry-level certificate composed of five basic computer courses and one network operating system elective; and the Computer Networking Multi-Platform Certificate-a 31-unit program that includes the six courses in the Computer Networking Certificate plus two more networking operating system courses and two computer networking electives to provide the student with a breadth of networking experience. A maximum of 6 pass/no pass units will be accepted for any of these certificates. Computer Networking Multi-Platform The Multi-Platform Certificate builds on the Computer Networking certificate to enhance the skills and knowledge of the student. Any course taken in the Computer Networking Certificate does not need to be taken again for the Multi-Platform Certificate.

For more information, visit the [Social and Behavioral Sciences](#) division.

### TO EARN A Certificate A STUDENT MUST COMPLETE THE FOLLOWING:

- [1] Completion of Major & Program Electives Courses
- [2] Minimum grade point average of 2.0
- [3] A C or better in all courses required for the major

### Cert.- Computer Networking Multiplatform

[Total Units Required for the Major 31]

Required Courses, complete ALL courses (total 28units)	
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 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

## Computer Networking Multi-platform Certificate

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
■ CA 157	3
<b>Total Units</b>	<b>10</b>

### SEMESTER 2

Course	Units
■ CA 182	3
■ CA 153	3
■ CA 175	3
CA 171	3
<b>Total Units</b>	<b>12</b>

### SEMESTER 3

Course	Units
■ CA 159	3
■ CA 176	3
▲ PROGRAM ELECTIVE: CHOOSE FROM LIST	3
<b>Total Units</b>	<b>9</b>

**TOTAL DEGREE UNITS 31**

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

## RECOMMENDED PATHWAY

The State requires ALL STUDENTS to have a Comprehensive Education Plan. You MUST make a counseling appointment as soon as enrollment is established to receive your plan. Stop by the Counseling Center or call 661-722-6300 x 6338 to schedule an appointment.

7/24/25 (Angie Gonzalez)