

Certificate: Computer Networking 24-25



ABOUT THIS MAJOR

The Computer Networking Program consists of two parts: the Computer Networking Certificate-an 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 program 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. This entry-level certificate is composed of five basic computer courses and one network operating system elective for a total of 19 units. 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

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>.

Certificate- Computer Networking Core [Total Units 19]

Required Courses (15 units)	
CA107 - Microcomputer Hardware and Software Support	4
CA151 - Microcomputer Operating System	3
CA171 - Introduction to Networking	3
CA176 - Windows Server Networking	3
GEOG298C - Special Studies in GIS	3
CA182 - Network Security	3
CA175 - Administering Windows Server	3

RECOMMENDED PATHWAY Certificate- Computer Networking

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, 12-15 units Recommended.
- This is a certificate only program, currently no associated degree offered.

TERM 1	
Course	Units
CA 107	4
CA 151	3
Total Units	7

TERM 2	
Course	Units
CA 171	3
CA 175	3
Total Units	6

TERM 3	
Course	Units
CA 176	3
CA 182	3
Total Units	6

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)

AVC 24-25 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