Information Technology

San Joaquin Valley College's (SJVC) Information Technology (IT) program prepares students for entry-level positions in IT. The program is designed to help students earn the industry specific certifications related to their chosen career path. Students can earn a Certificate of Completion in any one concentration, or combine two concentrations to earn an A.S. degree.

SJVC offers four distinct IT concentrations and associated Certifications to choose from:

Networking
• CompTIA® Network+

Security
• CompTIA® Security+

Web Development
• ACA (Adobe® Certified Associate) - Web Authoring Using
   Adobe® Dreamweaver

Database Administration
• Microsoft® Technology Associate (MTA) - Database Fundamentals

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The Certificate track for each of the four concentrations includes foundational coursework in Computer Literacy, Hardware, Software, Ethics, and a Certification Review course to prepare for the following certification exam:

CompTIA® A+

The **CompTIA A+** certification is the first step of your professional IT journey. It's the ideal foundational certification to get started on a career working with cutting-edge information technologies. It covers mobile devices, laptops, desktops and beyond. The exam verifies that an individual can troubleshoot networking and security issues within operating systems such as Apple, Android, Windows and more.

SJVC's IT concentrations include the certification exam preparation with the coursework. The Certification Review courses include practice exams and instructor directed review. The practice exams help students identify areas in which they may need additional support. SJVC provides vouchers to cover the cost of the student's first round of exams.

A.S Degree Option
Students complete general education courses along with their second concentration to earn an A.S. degree. Some of the natural combinations may be Security and Networking or Web Development and Database Administration. You can design a program that best meets your career goals.

Networking & Telecommunications

Students learn to:
- Maintain and troubleshoot networking hardware
- Install, configure, and administer Windows Server 2012
- Install, configure, and administer wireless local area networks

Career Information

Students who graduate from the Networking & Telecommunications concentration can qualify to work as a:

- Network Administrator
- Computer User Support Specialist
- Computer Security Specialist
- Field Service Technician

Course Listing		
Course ID	**Course Name**	**Credit Units**
Network & Telecommunications Concentration Course Requirements (17 units)		
COMP 121	Windows Server Install & Conf	4.0
COMP 122	Windows Server Admin	4.0
COMP 123	Wireless Local Area Networks	4.0
COMP 124	Network+	4.0
COMP 224	Certification Review - Network	1.0
	Foundational Coursework	**14.0**
	Certificate Program Total	**31.0**

Security

Students learn to:
- Design and manage network perimeter defenses
- Test for possible system penetrations
- Perform computer forensics

Career Information

Students who graduate from the Security concentration can qualify to work as a:

- IT Security Technician
- Data Security Analyst
- Information Assurance Technician
- IT Security Auditor

Course Listing		
Course ID	**Course Name**	**Credit Units**
Security Concentration Course Requirements (17 units)		
COMP 152	Penetration Testing	4.0
COMP 153	Computer Forensics	4.0
COMP 154	Security+	4.0
COMP 156	Network Security	4.0
COMP 254	Certification Review - Security	1.0
	Foundational Coursework	**14.0**
	Certificate Program Total	**31.0**

Web Development

Students learn to:
- Create, edit and manage websites utilizing Adobe® Dreamweaver
- Create web applications, tables and forms
- Create webpages using HTML, Javascript, and Cascading Style Sheets (CSS)

Career Information

Students who graduate from the Web Development concentration can qualify to work as a:

- Web Designer
- Web Programmer
- Web Developer
- Information Architect

Course Listing		
Course ID	**Course Name**	**Credit Units**
Web Development Concentration Course Requirements (17 units)		
COMP 141	HTML	4.0
COMP 142	Javascript	4.0
COMP 143	Web Development w/Adobe Dreamweaver	4.0
COMP 144	Introduction to Web Design	4.0
COMP 244	Certification Review - Web	1.0
	Foundational Coursework	**14.0**
	Certificate Program Total	**31.0**

Database Administration

Students learn to:
- Design and manage databases
- Perform database security functions
- Understand and use SQL, maintain Microsoft SQL Servers

Career Information

Students who graduate from the Data Administration concentration can qualify to work as a:

- Database Specialist
- Database Administrator
- Database Analyst
- Database Programmer

Course Listing		
Course ID	**Course Name**	**Credit Units**
Database Administration Concentration Course Requirements (17 units)		
COMP 131	Database Systems	4.0
COMP 132	Structured Query Language	4.0
COMP 133	Microsoft SQL Server	4.0
COMP 134	Concepts of Database	4.0
COMP 234	Certification Review - Database	1.0
	Foundational Coursework	**14.0**
	Certificate Program Total	**31.0**

Foundational Coursework

The 1st track includes the following foundational coursework to earn a Certificate:

Course Listing		
Course ID	**Course Name**	**Credit Units**
Core Course Requirements		
COMP 101	Computer Literacy and Applications for the Professional	3.0
COMP 102	A+ Hardware	3.0
COMP 103	A+ Software	3.0
COMP 105	Certification Review - Core	2.0
PHIL 1C	Ethics	3.0
	Foundational Courses Total	**14.0**

General Education

Students continuing on to a 2nd concentration take the following general education courses to earn an A.S. degree.

Course Listing		
Course ID	**Course Name**	**Credit Units**
General Education Course Requirements		
ENG 121	Composition and Reading - Part A	3.0
ENG 122	Composition and Reading - Part B	3.0
MTH 121	College Algebra - Part A	3.0
MTH 122	College Algebra - Part B	3.0
NSC 1	Introduction to Natural Sciences	3.0
PSY 1	General Psychology	3.0
SOC 1	Introduction to Sociology	3.0
	General Education Unit Total	**21.0**

Full A.S. Degree Program Unit Total	
1st Concentration Unit Total	**17.0**
2nd Concentration Unit Total	**17.0**
Foundational Coursework Unit Total	**14.0**
General Education Unit Total	**21.0**
A.S. Degree Program Unit Total	**69.0**

Admission Requirements
Admission to the IT program requires:
- High school diploma or equivalent
- Wonderlic SLE assessment score of 18 or higher

Visit http://www.sjvc.edu/online-programs/technical-requirements for software and hardware requirements.

SJVC Online
877.367.7582

Consumer Information

	Certificate	A.S. Degree
Program Length	30 weeks	60 weeks
Tuition and Fees	$14,335	$28,670
Estimated Textbook Cost	$350	$775
Data for Graduates on all SJVC Campuses between 7/1/14 and 6/30/15		
Graduate Median Loan Debt		
Title IV HEA Loans	$9,500	$20,000
Private Loans	$0	$5,350
Institutional Loans	$0	$2,207
On-Time Completion Rate	67%	100%

Graduate Placement Rate

Because of the change in the California Bureau of Private Postsecondary Education's reporting regulations, which became effective on July 14, 2016, this institution was not required to collect the data for its 2015 and prior graduates.

Occupations for Graduate Placement[1]

Computer Network Support Specialists (15-1152.00)
Computer Security Specialists (15-1122.00)
Computer User Support Specialists (15-1151.00)
Database Administrators (15-1141.00)
Network and Computer Systems Administrators (15-1142.00)
Web Developers (15-1134.00)

[1]Visit http://www.onetcodeconnector.org and enter the reference number for complete details

Institutional Accreditation
San Joaquin Valley College is accredited by the Accrediting Commission for Community and Junior Colleges, Western Association of Schools and Colleges, 10 Commercial Blvd., Suite 204, Novato, CA 94949, (415) 506-0234, an institutional accrediting body recognized by the Council for Higher Education Accreditation and the U.S. Department of Education. Additional information about accreditation, including the filing of complaints against member institutions, can be found at: www.accjc.org

California State Approval
SJVC is a private institution and is approved to operate as an accredited institution by the California Bureau of Private Postsecondary Education (BPPE). Approval to operate means that SJVC has been found in compliance with the standards set forth in the California Private Postsecondary Education Act of 2009 (California Education Code, Title 3, Division 10, Part 59, Chapter 8) and Title 5, Division 7.5 – Private Postsecondary Education of the California Code of Regulations.

Visit http://www.sjvc.edu/admissions/accreditation/state-approvals to view additional state approvals.