

Bachelor of Science Degree Program

Respiratory Therapy

This program is offered **Online**.

Program Description

SJVC's Bachelor of Science in Respiratory Therapy Program may be completed in 60 weeks. The program is designed for Registered Respiratory Therapists having graduated from a CoARC or CAAHEP accredited associate degree Respiratory Therapy program who want to advance their career. The Bachelor of Science Degree in Respiratory Care affords excellent opportunities for professional growth and development with the necessary education in leadership, education, research and critical care.

Program Student Learning Outcomes

Upon completion of this program, the graduate will be able to:

1. Articulate various current professional and clinical roles and potential expanded roles related to the respiratory therapy profession including describing professional behavior, monitoring the quality of respiratory care and listing changes in technology and knowledge base.
2. Demonstrate knowledge in critical care pathophysiology to interpret pertinent clinical information to make recommendations for appropriate therapeutic intervention.
3. Demonstrate effective written and oral communication skills.
4. Demonstrate the ability to access, interpret, and critically appraise relevant medical and other authoritative literature related to clinical practice, administration, education, and/or research associated with the respiratory therapy profession.
5. Develop an original project or research proposal related to clinical practice, administration, education, and/or research associated with the respiratory therapy profession.



Admission Requirements: To be considered for admission to the Respiratory Therapy Program, applicants must meet the following requirements:

- Hold an Associate of Science Degree in Respiratory Care from a CoARC or CAAHEP accredited associate of science degree respiratory therapy program that is within a regionally or nationally accredited institution.
- Successful completion of a minimum of 70.0 units of lower division courses (may include lower division respiratory care coursework).
- Hold a current unencumbered credential licensure as a Registered Respiratory Therapist (RRT), and current unencumbered licensure as a Respiratory Care Practitioner (RCP) in California or in the state of current employment.

Graduation Requirements: Successful completion of the courses listed below with a grade of "C" or higher.

Graduate Placement

The following job categories are considered in-field placements for graduates of the Respiratory Therapy Baccalaureate Degree program. Detailed information for each Standard Occupational Code (SOC) can be found at <http://www.onetonline.org/>.

- Respiratory Therapists (29-1126.00)
- Respiratory Therapy Technicians (29-2054.00)
- Clinical Research Coordinators (11-9121.01)
- Health Educators (21-1091.00)
- Medical and Health Services Managers (11-9111.00)

Respiratory Courses

<u>Course ID</u>	<u>Course Name</u>	<u>Credit Units</u>
RCP 400	Protocol Based Critical Care	3.0
RCP 410	Education Principles for Healthcare Professionals	3.0
RCP 420	Management Principles for the Healthcare Professional	3.0
RCP 430	Establishing Best Practices in Quality Improvement of Healthcare	3.0
RCP 440	Research and Evidence-Based Practice in Healthcare	5.0
RCP 450	Health Care Finance	4.0
RCP 460	Advanced Respiratory Practice for Critical Care	4.0

RCP 470	Research Proposal	4.0
RCP 480	Capstone Seminar: Research Project	4.0
Total		33.0

General Education Courses

<u>Course ID</u>	<u>Course Name</u>	<u>Credit Units</u>
HUM 325	Cross-Cultural Communication	3.0
HST 301	American Political Thought from Reconstruction to the Present	3.0
ENG 321	Writing for Research	4.0
PSY 302	Group Dynamics	4.0
STS 301	Statistics	4.0
Total		18.0
Transfer Credit		70.00
Total Program Units		121.00



Associate of Science Degree Programs

Aviation Maintenance Technology

This program is offered at **Fresno Aviation**.

Program Description

The Aviation Maintenance Technology program is 73 weeks in length and provides students with the skills and technical knowledge to perform aircraft, airframe, and powerplant maintenance and inspections. Hands-on training in the hangar includes servicing, troubleshooting, and repair of powerplant and airframe systems and components.

The program is approved by the Federal Aviation Administration.

Program Student Learning Outcomes

Upon completion of this program, the graduate will be able to:

1. Demonstrate a solid foundation of general aviation knowledge as required to perform effectively and safely as a capable licensed Airframe and Powerplant mechanic
2. Service, inspect, repair, and troubleshoot airframe structures and related components in accordance with applicable regulations while following safety procedures.
3. Service, inspect, repair, and troubleshoot aircraft engines and related components in accordance with applicable regulations while following safety procedures.
4. Relate and apply concepts of communication, reasoning, critical analysis ethical behavior, and, appropriate interpersonal interaction to situations in his or her career and personal life.
5. Demonstrate the social skills, professional appearance, attitudes and behavior that employers expect of all **SJVC** graduates



Graduation Requirements

- Successful completion of the AERO courses with a grade of “C” or higher
 - A grade of “D” or higher is required for successful completion of the AERO 51 course
- Successful completion of the Career Services Seminar (CSS100)

Credential and Professional Certifications

Graduates earn an Associate of Science degree and are eligible to test for an Airframe and Powerplant (A&P) license through the Federal Aviation Administration (FAA).

Graduate Placement

The following job categories are considered in-field placements for graduates of the Aviation Maintenance Technology Program. Detailed information for each Standard Occupational Code (SOC) can be found at <http://www.onetonline.org/>.

- Aircraft Mechanics and Service Technicians (49-3011.00)

Core Course Requirements

Course ID	Course Name	Credit Units	Credit Hours
AERO 30	Aircraft Basic Science	9.0	256
AERO 31*	Basic Electricity and Electronics	9.0	256
AERO 32	Reciprocating Engine Theory and Engine Overhaul	9.0	256
AERO 33	Sheet Metal Structures and Airframe Auxiliary Systems	9.0	256
AERO 34	Turbine Engines	9.0	256
AERO 35	Composite Structures	9.0	256
AERO 36	Propellers and Engine Auxiliary Systems	9.0	256
AERO 37	Aircraft Landing Gear	9.0	256
AERO 51**	Professional Licensing Seminar	2.0	96

General Education Course Requirements

Course ID	Course Name	Credit Units	Credit Hours
ENG 121	Composition and Reading – Part A	3.0	45
ENG 122	Composition and Reading – Part B	3.0	45
MTH 121	College Algebra – Part A	3.0	45
MTH 122	College Algebra – Part B	3.0	45
PHIL 1C	Ethics	3.0	45
PSY 1	General Psychology	3.0	45
SOC 1	Introduction to Sociology	3.0	45
Total		95.0	2,459

*Fulfills the general education science course requirement.

**Fulfills the CSS 100 graduation requirement.



Business Administration

This program is offered at **Antelope Valley (Lancaster), Bakersfield, Fresno, Modesto, Online, Ontario, Temecula, Victor Valley (Hesperia), and Visalia.** Students taking the program at one of the California campuses take courses on-ground and online. This helps students improve their technology skills and allows for schedule flexibility.

Program Description

The Business Administration program is 60 weeks in length and provides a framework of office procedures and skills that can adapt to any company's operation. Students develop into knowledgeable, ethical, and technically competent business professionals.

Students will take foundational core courses in essential business concepts and will go on to complete additional course in one of the following concentrations: Business Management, Retail Management, or Business Accounting.

Each concentration is designed to prepare students for certification(s) from National Retail Federation (NRF®), National Associate of Certified Public Bookkeepers (NACPB), or Certiport.

Program Student Learning Outcomes

Upon completion of this program, the graduate will be able to:

1. Demonstrate proficiency in using technological tools applicable to a business setting
2. Demonstrate keyboarding and ten key skills commensurate with industry standards
3. Relate and apply concepts of communication, reasoning, critical analysis, ethical behavior and appropriate interpersonal interaction to situations in his or her career and personal life
4. Demonstrate the social skills, professional appearance, attitudes and behavior that employers expect of all **SJVC** graduates
5. Apply business management concepts, including human resources, marketing, law and ethics (Business Management Concentration)
6. Demonstrate accounting skills commensurate with bookkeeping industry standards (Business Accounting Concentration)
7. Demonstrate effective customer service, sales, and retail skills applicable in a retail business setting (Retail Management Concentration)

Graduation Requirements

- Successful completion of the courses listed below
- Minimum keyboarding speed of 45 net words per minute
- Minimum 10 key speed of 8,000 keystrokes per hour
- Successful completion of the Career Services Seminar (CSS100)

Credential and Professional Certifications

Graduates earn an Associate of Science degree and are eligible to take certifications relative to the concentration chosen. Certifications offered include Retail Management and Customer Service and Sales Certifications from National Retail Federation (NRF®); Bookkeeper Certification from National Association of Certified Public Bookkeepers (NACPB); and Microsoft® Office Specialist Excel® Certification from Certiport.

Graduate Placement

The following job categories are considered in-field placements for graduates of the Business Administration Program. Detailed information for each Standard Occupational Code (SOC) can be found at <http://www.onetonline.org/>.

- Administrative Services Managers (11-3011.00)
- Bookkeeping, Accounting, and Auditing Clerks (43-3031.00)
- Customer Service Representatives (43-4051.00)
- Executive Secretaries and Executive Administrative Assistants (43-6011.00)
- First-Line Supervisors of Retail Sales Workers (41.1011.00)
- General and Operations Managers (11-1021.00)
- Human Resources Specialists (13-1071.00)
- Office Clerks, General (43-9061.00)



- Receptionists and Information Clerks (43-4171.00)
- Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products (41-4012.00)
- First-Line Supervisors of Food Preparation and Serving Workers (35-1012.00)

Core Course Requirements

Course ID	Course Name	Credit Units
ACCT 100	Fundamentals of Accounting	3.0
BUSN 100	Business Math Applications	3.0
BUSN 110	Business Law and Ethics	3.0
BUSN 120	Business Communication	3.0
BUSN 130	Principles of Management	3.0
COMP 101	Computer Literacy and Applications for the Professional	3.0

Business Management Concentration Course Requirements

Course ID	Course Name	Credit Units
BUSN 140	Human Resource Management	3.0
BUSN 150	Small Business Management	2.0
BUSN 160	Marketing	2.0
BUSN 190	Customer Service and Sales Management	2.0
BUSN 200	Spreadsheet Management	2.0
BUSN 210	Economics	3.0
BUSN 220	Introduction to Financial Management	2.0
BUSN 230	Strategic Management and Leadership	3.0
BUSN 250	Business Externship (or equivalent course BUSN 240)	2.0
BUSN 260	Business Seminar	1.0

Retail Management Concentration Course Requirements

Course ID	Course Name	Credit Units
BUSN 140	Human Resource Management	3.0
BUSN 160	Marketing	2.0
BUSN170	Retail Management	2.0
BUSN 180	Retail Supply Chain Management	3.0
BUSN 190	Customer Service and Sales Management	2.0
BUSN 200	Spreadsheet Management	2.0
BUSN 210	Economics	3.0
BUSN 220	Introduction to Financial Management	2.0
BUSN 250	Business Externship (or equivalent course BUSN 140)	2.0
BUSN 260	Business Seminar	1.0

Business Accounting Concentration Course Requirements

Course ID	Course Name	Credit Units
ACCT 110	Payroll Accounting Management	2.0
ACCT 120	Accounting Software Systems	2.0
ACCT 130	Merchandising Accounting	2.0
ACCT 140	Tax Accounting	2.0
ACCT 150	Intermediate Accounting	3.0
ACCT 160	Managerial Accounting	3.0
BUSN 140	Human Resource Management	3.0
BUSN 200	Spreadsheet Management	2.0
BUSN 250	Business Externship (or equivalent course BUSN 140)	2.0
BUSN 260	Business Seminar	1.0

General Education Course Requirements

Course ID	Course Name	Credit Units
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 the Natural Sciences	3.0
PHIL IC	Ethics	3.0
PSY 1	General Psychology	3.0
SOC 1	Introduction to Sociology	3.0
Total		64.0

Clinical and Administrative Medical Assisting

This program is offered at **Antelope Valley (Lancaster), Bakersfield, Fresno, Modesto (Salida), Ontario, Online, Temecula, Victor Valley (Hesperia), and Visalia.**

Program Description

The Medical Assisting program is 60 weeks in length and prepares graduates to work in medical offices and specialty clinics. Training helps students learn the skills required to be a valuable member of the healthcare team. Students will receive advanced training in medical office procedures as well as front- and back-office skills. The program includes an externship which provides enhanced learning and the opportunity to develop work in-field experience.

Program Student Learning Outcomes

Upon completion of this program, the graduate will be able to:

1. Manage the front office of a health care facility and perform administrative duties such as patient charting, billing, letter writing, and handling coding procedures for insurance purposes using a variety of applicable software
2. Perform clinical skills such as taking vital signs, dosage computations, venipuncture, injections, hematology, administration of medication, specimen collection, and emergency procedures
3. Distinguish the various systems of the human body and explain their function using proper medical terminology
4. Communicate effectively orally and in writing and demonstrate the knowledge and skills required to be eligible and prepared for a national certification exam
5. Relate and apply concepts of communication, reasoning, critical analysis, ethical behavior and appropriate interpersonal interaction to situations in his or her career or personal life
6. Demonstrate the social skills, professional appearance, attitudes and behavior that employers expect of all **SJVC** graduates



Graduation Requirements

- Successful completion of the courses listed below with a grade of “C” or higher in all clinical courses
- Successful completion of the Career Services Seminar (CSS100)
- Achieve the minimum requirement of Health Insurance Portability and Accountability Act certification (HIPAA)

Credential and Professional Certifications

Graduates earn an Associate of Science degree and are eligible to sit for the National Certified Medical Assistant (NCMA) exam offered by the National Center for Competency Testing.* Students also prepare for and take certification exams within their program courses that include HIPAA, CPR, and First Aid.

Students residing outside California are encouraged to take a certification examination recognized by their state medical board or an independent certification organization.

***Graduates may qualify for other certifications depending upon location and placement requirements.**

Graduate Placement

The following job categories are considered in-field placements for graduates of the Clinical and Administrative Medical Assisting Program. Detailed information for each Standard Occupational Code (SOC) can be found at <http://www.onetonline.org/>.

- Medical and Clinical Laboratory Technicians (29-2012.00)
- Medical Assistants (31-9092.00)
- Medical Records and Health Information Technicians (29-2071.00)
- Medical Secretaries (43-6013.00)

Core Course Requirements

Course ID	Course Name	Credit Units
HCP 101	Structural Anatomy and Terminology	3.0
HCP 102	Body System Anatomy and Terminology	3.0
HCP 103	Foundational Office Skills	2.0
HCP 201	Diseases and Disorders	3.0
COMP 101	Computer Literacy and Applications for the Professional	3.0

HCP 203	Medical Office Management	3.0
MAP 105	Laboratory Procedures	5.0
MAP 115	Pharmacology and Medication Administration	5.0
MAP 125	Clinical Procedures	3.0
MAP 205	Front Office Procedures	2.0
MAP 215	Back Office Procedures	2.0
MAP 225	Certification Readiness	3.0
MAP 500	Externship	4.0

General Education Course Requirements

Course ID	Course Name	Credit Units
ENG 121	Reading and Composition – Part A	3.0
ENG 122	Reading and Composition – Part B	3.0
MTH 121	College Algebra – Part A	3.0
MTH 122	College Algebra – Part B	3.0
NSC 1	Introduction to the Natural Sciences	3.0
PHIL 1C	Ethics	3.0
PSY 1	General Psychology	3.0
SOC 1	Introduction to Sociology	3.0
Total		65.0



Construction Management

This program is offered **Online** and at **Ontario**.

Program Description

The Construction Management program is 60 weeks in length and prepares graduates to manage residential and commercial construction projects. Students are trained to prepare competitive project proposals, supervise construction sites, and effectively communicate with clients and workers. Students are prepared for the management responsibilities they will face on the job at construction sites.

Program Student Learning Outcomes

Upon completion of this program, the graduate will be able to:

1. Manage, sequence, and organize project assets from predevelopment, design and construction through project closeout, in order to complete a project on or ahead of schedule, within or under budget, and without compromising quality or safety expectations and standards, while ensuring successful outcomes both financially and professionally
2. Utilize project management tools such as project scheduling software, budget estimating, constructability reviews and project management communication protocols in order to appraise project variables and challenges, identify opportunities and resources for solutions, and generate those solutions
3. Apply verbal and written communication skills for effective supervision and leadership of teams.
4. Evaluate situations that involve potential legal issues and create or coordinate responses
5. Apply the principles of a diverse world, display a teachable attitude, and maintain a commitment to professional development and learning.
6. Relate and apply concepts of communication, reasoning, critical analysis, ethical behavior and appropriate interpersonal interaction to situations in his or her career and personal life
7. Demonstrate the social skills, professional appearance, attitudes and behavior that employers expect of all **SJVC** graduates



Graduation Requirements

- Successful completion of the courses listed below
- Successful completion of the Career Services Seminar (CSS100)

Credential and Professional Certifications

Graduates earn an Associate of Science Degree.

Graduate Placement

The following job categories are considered in-field placements for graduates of the Construction Management Program. Detailed information for each Standard Occupational Code (SOC) can be found at <http://www.onetonline.org/>.

- Construction Managers (11-9021.00)
- General and Operations Managers (11-1021.00)

Course Requirements

On-Ground Core Course Requirements

Course ID	Course Name	Credit Units
CMP 110	Computer Applications in Construction Management	5.0
CON 100	Construction Materials	3.0
CON 105	Design Theory	3.0
CON 106	Blueprint and Plan Reading	3.0
CON 116	Construction Business, Accounting, and Financial	3.0
CON 120	Management Construction Methods	3.0
CON 125	Scheduling and Control	5.0
CON 136	Labor & Construction Laws	3.0

CON 137	Quantity, Survey, Estimating & Bidding for Construction	5.0
CON 141	Construction Supervision	3.0
CON 146	Construction Project Management and Contract Documents	5.0
CON 155	Competitive Business Presentation and Strategic Communications	3.0

On-Ground General Education Course Requirements

Course ID	Course Name	Credit Units
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 the Natural Sciences	3.0
PHIL 1C	Ethics	3.0
PSY 1	General Psychology	3.0
SOC 1	Introduction to Sociology	3.0
Total		68.0

Online Core Course Requirements

Course ID	Course Name	Credit Units
CON 111	Materials and Architectural Design	5.0
CON 112	Construction and Documents and Methods	5.0
CON 113	Construction and Labor Laws	5.0
CON 114	Computer Applications and Strategic Communications	5.0
CON 115	Applied Mathematics for Construction Management	3.0
CON 126	Project Scheduling and Control	5.0
CON 135	Estimating and Bidding for Residential and Commercial	5.0
CON 141	Construction Management Supervision	3.0
CON 145	Construction Project Management	5.0

On-Line General Education Course Requirements

Course ID	Course Name	Credit Units
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 the Natural Sciences	3.0
PSY 1	General Psychology	3.0
SOC 1	Introduction to Sociology	3.0
Total		65.0



Criminal Justice: Corrections

This program is offered at **Antelope Valley, Bakersfield, Fresno, Modesto (Salida), Ontario, Victor Valley (Hesperia), and Visalia.**

Program Description

The Criminal Justice: Corrections program is 60 weeks in length and prepares graduates for a career in Corrections. The program includes instruction in criminal law, evidence collection and preservation, report writing, institutional corrections, physical agility training, defensive tactics and weaponless defense. Many graduates initially find work in security and develop entry-level work experience while they pursue employment as a correctional officer.

Program Student Learning Outcomes

Upon completion of this program, the graduate will be able to:

1. Explain the history, theories and relationship of corrections and the criminal justice system
2. Apply definitions and theories of crime and criminal codes to the criminal justice systems
3. Analyze criminal cases using knowledge of rules of investigation, interrogation, and evidence
4. Examine the concepts of morality, ethics, and law and apply the philosophies within the criminal justice system
5. Write a complete, competent and relevant report
6. Handle inmates appropriately both verbally and physically incorporating Title 15 regulations
7. Use a firearm safely and demonstrate appropriate arrest, search and seizure techniques.
8. Relate and apply concepts of communication, reasoning, critical analysis, ethical behavior and appropriate interpersonal interaction to situations in his or her career and personal life
9. Demonstrate the social skills, professional appearance, attitudes and behavior that employers expect of all **SJVC** graduates



Admission Requirements

- U.S. Citizenship
- No felony criminal convictions
- No misdemeanor convictions that would prohibit applicant from possessing a firearm
- No legal conditions that would prohibit applicant from possessing a firearm
- Valid California driver license
- Applicant must be in good health and physically fit
- Applicant must be age 18 by program start date

Enrollment in the Criminal Justice: Corrections program is subject to the approval of the CJC Program Director or their designee.

Graduation Requirements

- Successful completion of the courses listed below with a score of 70% or higher on all job knowledge tests as well as successful completion of all skill examinations in the CJ60A course
- Successful completion of the Career Services Seminar (CSS100)

Credential and Professional Certifications

Graduates earn an Associate of Science degree and the following certifications: Standards and Training for Corrections (STC) Adult Core Academy, which includes 8-hour Baton; and, Bureau of Security and Investigative Services (BSIS) certified training in Powers to Arrest, Weapons of Mass Destruction, Firearms, Baton, Chemical Agents, Public Relations, Observations and Documentation, Communications and its Significance, and, Liability and Legal Aspects – resulting in (BSIS) Security Guard Care and (BSIS) Security Guard Exposed Weapons permits.

BSIS Training Facility Baton TFB Training Facility Firearms (TFF) Licenses by Campus: Bakersfield TFB 256/TFF 256, Fresno TFB 1331/TFF 1434, Hesperia TFB 1247/TFF 1389, Modesto (Salida) TFB 1330/TFF 1390, Ontario TFB 1332/TFF 1393, and Visalia TFB 1328/TFF 1435.

Graduate Placement

The following job categories are considered in-field placements for graduates of the Criminal Justice: Corrections Program. Detailed information for each Standard Occupational Code (SOC) can be found at <http://www.onetonline.org/>.

- Correctional Officers and Jailers (33-3012.00)
- Retail Loss Prevention Specialists (33-9099.00)
- Security Guards (33-9032.00)
- Social and Human Service Assistants (21-1093.00)

Core Course Requirements

Course ID	Course Name	Credit Units
CJ 4	Criminal Law	3.0
CJ 14	Juvenile Law and Procedures	3.0
CJ 060A	Adult Corrections Officer Core Course	15.0
CJ 63	BSIS Security Officer Academy	5.0
CO 2	Introduction to Administration of Justice	3.0
CO 3	Criminal Procedures	3.0
CO 5	Community and Human Relations	3.0
CO 8	Introduction to Investigation	3.0
CO 10	Writing for Criminal Justice	3.0
CO 20A	Introduction to Corrections	3.0

General Education Course Requirements

Course ID	Course Name	Credit Units
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 the Natural Sciences	3.0
PHIL 1C	Ethics	3.0
PSY 1	General Psychology	3.0
SOC 1	Introduction to Sociology	3.0
Total		68.0



Dental Hygiene

This program is offered at **Ontario** and **Visalia**.

Program Description

The Dental Hygiene program is 67 weeks in length and prepares students to work as a registered dental hygienist. Benefits of this program include comprehensive instruction, small class sizes, and high board pass rates. The program features a fully equipped on-campus dental clinic, allowing students to get hands-on instruction and real-world experience while completing their studies.

The Dental Hygiene program is accredited by the American Dental Association, Commission on Dental Accreditation.

Program Student Learning Outcomes

Upon completion of this program, the graduate will be able to:

1. Identify each patient's physical and oral health status by collecting patient data through a process of comprehensive patient assessment procedures
2. Analyze assessment findings and use critical thinking in order to address the patient's dental hygiene treatment needs
3. Establish a dental hygiene care plan that reflects the realistic goals and treatment strategies to facilitate optimal oral health
4. Provide patient-centered treatment and evidence-based care in a manner minimizing risk and optimizing oral health
5. Measure the extent to which goals identified in the dental hygiene care plan are achieved
6. Complete and accurately record all documentation relevant to patient care
7. Adapt to changes in demographics and cultural diversity in dental hygiene practice and health care delivery
8. Interact with the dental community and professional organizations for professional growth and lifelong learning



Admission Requirements

- Completion of the following prerequisite courses at an accredited college or university with a minimum of a "C" grade and an overall GPA of 2.75 or higher:
 - General/Inorganic Chemistry (with lab)
 - General Microbiology (with lab) *
 - Human Physiology (with lab)
 - Speech / Oral Communication
 - Introduction to Sociology
 - Organic/Biochemistry (with lab) *
 - Human Anatomy (with lab)
 - Writing and Composition
 - Intermediate Algebra or higher (not included in the minimum GPA requirements for entry into the program)
 - General Psychology

*The BIOL14 and/or CHE4 course(s) may be offered to applicants who have successfully completed all other prerequisite courses.

Applicants who have successfully completed the prerequisites will be considered for admission into the program. Using a point-based system, applicants will be ranked on the following criteria: cumulative GPA on prerequisite courses, reading comprehension exam, allied health or related work experience, and a personal interview with Dental Hygiene faculty and/or the program director.

Graduation Requirements

- Successful completion of the courses listed below with a grade of "C" or higher
- Achieve minimum requirement of the Health Insurance Portability and Accountability Act (HIPAA) component

Credential and Professional Certifications

Graduates earn an Associate of Science Degree and are eligible to take the National Board written examination and a State and/or Regional Board Examination for licensure as a Registered Dental Hygienist (see next page).

State Licensure

Each state has specific clinical examination requirements for licensure as a dental hygienist. The state of California accepts any one of the following clinical examinations: Western Regional Examining Board (WREB) dental hygiene examination, Central Regional Dental Testing Service (CRDTS) dental hygiene examination, or California RDH clinical examination.

Graduates are eligible to sit for the California RDH clinical examination after they have passed the National Board Dental Hygiene Examination. Graduating seniors may take the WREB or CRDTS examination during their final semester, with certification from the campus dean or dental hygiene program director.

Graduate Placement

The following job categories are considered in-field placements for graduates of the Dental Hygiene Program. Detailed information for each Standard Occupational Code (SOC) can be found at <http://www.onetonline.org/>.

- Dental Hygienists (29-2021.00)

Course Requirements

Course ID	Course Name	Credit Units
Term 1		
DH 16	Introduction to Clinic	3.0
DH 114	Introduction to Clinic Lab	2.0
DH 10	Oral Biology	3.0
DH 110	Oral Biology Lab	CR
DH 13	Dental Health Education	2.0
DH 11	Oral Radiology	2.0
DH 12	Head and Neck Anatomy	3.0
DH 112	Head and Neck Anatomy Lab	CR
DH 115	Oral Radiology Lab	2.0
DH 18	Periodontics 1	1.0
Term 2		
DH 24	Clinic Seminar 1	1.0
DH 124	Clinic Seminar 1 Lab	1.0
DH 22	Patient Management and Geriatrics	2.0
DH 129	Clinical Practice 1	3.0
DH 21	General and Oral Pathology	4.0
DH 26	Community Oral Health	2.0
DH 27	Local Anesthesia	2.0
DH 120	Local Anesthesia Lab	1.0
DH 28	Periodontics 2	1.0
Term 3		
DH 399*	Dental Hygiene Review Seminar 1	CR
DH 31	Applied Pharmacology	3.0
DH 33	Clinical Seminar 2 - Advanced Clinical Topics	1.0
DH 133	Clinical Seminar 2 Lab - Advanced Clinical Topics	1.0
DH 135	Clinical Practice 2	4.0
DH 32	Dental Materials	2.0
DH 132	Dental Materials Lab	1.0
DH 36	Cultural Diversity and Healthcare	1.0
DH 38	Periodontics 3	2.0
Term 4		
DH 46	Legal and Ethical Responsibilities	2.0
DH 143	Clinical Practice 3	5.0
DH 499*	Dental Hygiene Review	1.0
DH 45**	Nutrition	2.0
DH 42	Clinical Seminar 3	2.0
DH 48	Periodontics 4	2.0
Total		64.0

*Fulfills the CSS 100 graduation requirement.

**Not a degree requirement.

Diagnostic Medical Sonography

This program is offered at **Bakersfield**.

Program Description

The Diagnostic Medical Sonography program is 73 weeks in length and prepares students to work as an entry-level general sonographer. Students learn how to perform ultrasound scanning examinations and record the data for interpretation by a physician. Graduates are prepared to provide effective oral and written communication to the healthcare team as it pertains to diagnostic results.

Program Student Learning Outcomes

Upon completion of this program, the graduate will be able to:

1. Obtain, review, and integrate pertinent patient history and supporting clinical data to facilitate optimum diagnostic results.
2. Perform appropriate ultrasound scanning procedures and record anatomic, pathologic, and/or physiologic data for interpretation by a physician.
3. Record, analyze, and process diagnostic data and other pertinent observations made during the procedure for presentation to the interpreting physician.
4. Exercise discretion and judgment in the performance of sonographic and/or other non-invasive diagnostic services.
5. Demonstrate appropriate communication skills with patients and colleagues.
6. Act in a professional and ethical manner.
7. Provide patient education related to medical ultrasound and/or other non-invasive diagnostic ultrasound techniques, and promote principles of good health.
8. Demonstrate the social skills, professional appearance, attitudes and behavior that employers expect of all **SJVC** graduates.



Admissions Requirements

- Applicants must be at least 18 years of age and have completed the following prerequisite courses with a grade a “C” or higher at an accredited college or university:
 - Writing and Composition
 - Intermediate Algebra or higher
 - Anatomy and Physiology
 - Medical Terminology

Nine units of prerequisite coursework will be applied to the general education graduation requirement.

Applicants who have successfully completed the prerequisites will be considered for admission into the program. Using a point-based system, applicants will be ranked on the following criteria: cumulative GPA on prerequisite courses, an assessment, professional references, and a personal interview with program faculty. Enrollment decisions are made by the Program Director or his/her designee.

Graduation Requirements

- Successful completion of the courses listed below with a grade of “C” or higher in all DMS courses
- Achieve the minimum requirement of the Health Insurance Portability and Accountability Act (HIPAA) component
- Successful completion of the Career Services Seminar (CSS100)
- Successfully complete at **SJVC** or transfer in (at the time of enrollment) 9.0 units of general education in the following subjects:
 - Ethics (PHIL 1C)
 - Two of the following: Economics (ECON 1), General Psychology (PSY 1), or Introduction to Sociology (SOC 1).

Credential and Professional Certifications

Graduates earn an Associate of Science in Diagnostic Medical Sonography. Upon completion of 1,680 hours of work experience as a diagnostic medical sonographer, graduates are eligible to sit for the ARDMS certification exam. An alternative exam pathway is available to graduates who have earned a previous health studies credential (please see the Program Director for more information).

Graduate Placement

The following job categories are considered in-field placements for graduates of the Diagnostic Medical Sonography Program. Detailed information for each Standard Occupational Code (SOC) can be found at <http://www.onetonline.org/>.

- Diagnostic Medical Sonographers (29-2032.00)

Core Course Requirements

Course ID	Course Name	Credit Units
DMS 200	Orientation to Ultrasound Imaging Seminar	P/F
DMS 210	Abdominal and Small Parts Ultrasound Imaging	6.0
DMS 210L	Abdominal and Small Parts Ultrasound Imaging Laboratory	5.0
DMS 215	Fundamentals of Sonography	1.0
DMS 220	Obstetrics and Gynecology Ultrasound Imaging	6.0
DMS 220L	Obstetrics and Gynecology Ultrasound Imaging Laboratory	5.0
DMS 225	Patient Care for Sonographers	3.0
DMS 230	Introduction to Vascular Ultrasound Imaging	6.0
DMS 230L	Introduction to Vascular Ultrasound Imaging Laboratory	5.0
DMS 235	Professional Aspects of Sonography	1.0
DMS 240	Physical Principles & Instrumentation of Ultrasound	6.0
DMS 240L	Physical Principles & Instrumentation of Ultrasound Laboratory	5.0
DMS 250	Clinical Practicum I	10.0
DMS 260	Clinical Practicum II	10.0
DMS 300	ARDMS Certifying Examination Review	1.0

General Education Course Requirements

Course ID	Course Name	Credit Units
PHIL 1C	Ethics	3.0
PSY 1	General Psychology	3.0
SOC 1	Introduction to Sociology	3.0
Total		88.0



Electrical Technology

This program is offered at **Modesto (Salida)** and **Ontario**.

Program Description

The Electrical Technology program is 60 weeks in length and provides a framework of electrical knowledge and skills that can be adapted in the electrical trade industry. The program prepares students for employment in numerous electrical and related trades. Upon completion of the Electrical Technology program, the student should be able to install, maintain, and repair electrical equipment and systems in a safe, competent, and professional manner. The program meets the standards set forth by the California Department of Industrial Relations towards the current California Electrician Certification Program. Upon completion of the program, the student is eligible to sit for the California General Electrician's Certification Exam.



Program Student Learning Outcomes

Upon completion of this program, the graduate should be able to:

1. Discuss theories of electrical circuitry and relate these concepts to practical applications
2. Apply proper procedures for the installation, operation, maintenance and repair of residential, commercial, and light industrial wiring, electrical equipment and systems
3. Demonstrate proper usage of the basic tools of the trade
4. Demonstrate the basic use and application of the National Electrical Code and be prepared to successfully pass the California Electrician Certification Exam
5. Create effective reports and documents, electronically and in writing
6. Apply advanced electrical concepts and critical thinking skills to interpret and create blueprint drawings for residential, commercial and light industrial facilities
7. Relate and apply concepts of communication, reasoning, critical analysis, ethical behavior and appropriate interpersonal interaction to situations in his or her career and personal life
8. Demonstrate the social skills, professional appearance, attitudes and behavior that employers expect of all **SJVC** graduates
9. Adhere to national, state, and local safety practices used by technicians working in the electrical industry

Admission Requirements

- Valid California driver license
- No felony convictions
- No misdemeanor convictions for property or drug crimes

Graduation Requirements

- Successful completion of the courses listed below with a grade of "C" or higher in all ELEC courses
- Successful completion of the Career Services Seminar (CSS 100)

Professional Certifications

Graduates earn an Associate of Science Degree and are eligible to take the California General Electrician's Certification Exam administered by the California Department of Industrial Relations.

Graduate Placement

The following job categories are considered in-field placements for graduates of the Electrical Technology Program. Detailed information for each Standard Occupational Code (SOC) can be found at <http://www.onetonline.org/>.

- Electricians (47-2111.00)
- Security and Fire Alarm System Installers (49-2098.00)
- Signal and Track Switch Repairers (49-9097.00)
- First-Line Supervisors of Construction Trades and Extraction Workers (47-1011.00)

Core Course Requirements

Course ID	Course Name	Credit Units
ELEC 100	OSHA Standards for the Construction Industry	3.0

ELEC 110	Electrical Conduit Bending	2.0
ELEC 120	Blueprint Reading for Electricians	5.0
ELEC 130	Technical Math and Electric Circuits	10.0
ELEC 200	Residential Wiring	5.0
ELEC 210	Commercial and Industrial Wiring	10.0
ELEC 220	Programmable Logic Controllers/ Industrial Electronics	5.0

General Education Course Requirements

Course ID	Course Name	Credit Units
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 the Natural Sciences	3.0
PHIL 1C	Ethics	3.0
PSY 1	General Psychology	3.0
SOC 1	Introduction to Sociology	3.0
Total		64.0

Heating, Ventilation, Air Conditioning, and Refrigeration

This program is offered at **Antelope Valley (Lancaster), Bakersfield, Fresno, Ontario, Temecula, Victor Valley (Hesperia), and Visalia.**

Program Description

The Heating, Ventilation, Air Conditioning and Refrigeration program is 60 weeks in length and prepares students to work in the heating and cooling industry. Training focuses on theories of heating, refrigeration, and air conditioning. Students study the operation, maintenance, and repair of residential and commercial equipment.

Program Student Learning Outcomes

1. Discuss theories of heating, refrigeration, and air conditioning and relate these concepts to practical applications.
2. Apply proper procedures for the installation, operation, maintenance and repair of both residential and light commercial heating, ventilation, air conditioning and refrigeration equipment and systems.
3. Demonstrate proper usage of the basic tools of the trade.
4. Demonstrate requisite mastery to apply for and obtain the EPA 608 certification from the Environmental Protection Agency.
5. Create effective reports and documents electronically and in writing.
6. Apply advanced electrical concepts and critical thinking skills to interpret and draft schematic wiring diagrams and perform system diagnostics and interpret results.
7. Relate and apply concepts of communication, reasoning, critical analysis, ethical behavior and appropriate interpersonal interaction to situations in his or her career and personal life.
8. Demonstrate social skills, professional appearance, attitudes, and behavior that employers expect of all **SJVC** graduates.
9. Adhere to national, state, and local safety practices used by service technicians working on HVAC-R systems.



Admission Requirements

- Valid California driver license
- No DUI convictions for the past 3 years

Graduation Requirements

- Successful completion of the courses listed below
- Successful completion of the Career Services Seminar (CSS100)

Credential and Professional Certifications

Graduates earn an Associate of Science degree and have the opportunity to earn EPA 608 certification.

Graduate Placement

The following job categories are considered in-field placements for graduates of the Heating, Ventilation, Air Conditioning, and Refrigeration Program. Detailed information for each Standard Occupational Code (SOC) can be found at

<http://www.onetonline.org/>.

- Heating and Air Conditioning Mechanics and Installers (49-9021.00)
- Maintenance and Repair Workers, General (49-9071.00)
- Refrigeration Mechanics and Installers (49-9021.00)

Core Course Requirements

Course ID	Course Name	Credit Units
HVAC-R 100	Theory and Applications of Air Conditioning	5.0
HVAC-R 101	Theory and Applications of Refrigeration	5.0
HVAC-R 102	Theory and Application of Electricity	10.0
HVAC-R 106	Air Distribution Systems	5.0
HVAC-R 104	Advanced Refrigeration	5.0
HVAC-R 105	Advanced Electricity	5.0
HVAC-R 103	Advanced Air Conditioning	5.0

General Education Course Requirements

Course ID	Course Name	Credit Units
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
PHIL 1C	Ethics	3.0
PSY 1	General Psychology	3.0
SOC 1	Introduction to Sociology	3.0
Total		64.0



Human Resource Administration

This program is offered **Online**.

Program Description

The Human Resource Administration program is 60 weeks in length and offers training in the procedures, policies, and practices found in today's human resource departments. Students develop personal, professional, and human relations skills necessary to perform the duties of a human resource administrator. Hands-on training includes a variety of computer applications, including Microsoft Office, word processing, spreadsheets, databases and presentation software.

Program Student Learning Outcomes

Upon completion of this program, the graduate will be able to:

1. Identify and uphold ethical behavior within an organization
2. Protect all organizational assets, focusing on employee health, safety, and security
3. Identify workplace laws, incorporating the principles of confidentiality and diversity to employee and employer rights
4. Communicate confidently and effectively orally and in writing
5. Perform administrative roles such as record keeping, computer usage, and payroll
6. Develop the role of employee advocate, managing HR activities such as motivation and retention of employees
7. Develop and implement employee training programs
8. Partner with management for organizational decision making in areas such as strategic planning, policy and procedure development, staffing, compensation, and talent management
9. Utilize critical thinking skills to resolve conflict, process grievances, and appraise employee performance
10. Relate and apply concepts of communication, reasoning, critical analysis, ethical behavior and appropriate interpersonal interaction to situations in his or her career and personal life
11. Demonstrate the social skills, professional appearance, attitudes, and behavior that employers expect of all **SJVC** graduates



Graduation Requirements

- Successful completion of the courses listed below
- Minimum keyboarding speed of 35 net words per minute
- Successful completion of the Career Services Seminar (CSS100)

Credential and Professional Certifications

Graduates earn an Associate of Science degree and are prepared to take the Microsoft® Office Specialist Exam for certification in Word, PowerPoint® and Excel®.

Graduate Placement

The following job categories are considered in-field placements for graduates of the Human Resource Administration Program. Detailed information for each Standard Occupational Code (SOC) can be found at <http://www.onetonline.org/>.

- Administrative Services Managers (11-3011.00)
- Bookkeeping, Accounting, and Auditing Clerks (43-3031.00)
- Customer Service Representatives (43-4051.00)
- Executive Secretaries and Executive Administrative Assistants (43-6011.00)
- First-Line Supervisors of Retail Sales Workers (41-1011.00)
- General and Operations Managers (11-1021.00)
- Human Resources Specialists (13-1071.00)
- Office Clerks, General (43-9061.00)
Receptionists and Information Clerks (43-4171.00)
- Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products (51-4081.00)
- First-Line Supervisors of Food Preparation and Serving Workers (35-1012.00)

Core Course Requirements

Course ID	Course Name	Credit Units
CMP 101	Computer Literacy and Applications for the Professional	3.0
BUSN 100	Business Math Applications	3.0
CMP 102	Introduction to Microsoft Office 2	5.0
Equivalency Courses		
BUSN 200	<i>Spreadsheet Management</i>	2.0
BUSN 120	<i>Business Communication</i>	3.0
HRA 21	Human Resource Fundamentals	5.0
HRA 22	Human Resource Laws, Policies, and Procedures	5.0
HRA 23	Accounting and Payroll Management	5.0
HRA 24	Ethics in Human Resources	5.0

General Education Course Requirements

Course ID	Course Name	Credit Units
ECON 1	Economics	3.0
Equivalency Course		
BUSN 210	<i>Economics</i>	3.0
ENG 121	Composition and Reading – Part A	3.0
ENG 122	Composition and Reading – Part B	3.0
HEA 10	Health and Wellness	3.0
Equivalency Course		
BUSN 150	<i>Small Business Management</i>	2.0
MGT 104	Office Supervision and Organization	3.0
Equivalency Course		
BUSN 130	<i>Principles of Management</i>	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
PHIL 1C	Ethics	3.0
PSY 1	Introduction to Psychology	3.0
SOC 1	Introduction to Sociology	3.0
SPC 1A	Introduction to Public Speaking	3.0
Equivalency Course		
BUSN 190	Customer Service and Sales Management	2.0
Total		67.0



Industrial Maintenance Technology

This program is offered at **Bakersfield, Modesto (Salida), and Ontario.**

Program Description

SJVC's Industrial Maintenance Technology program is 60 weeks in length and is designed to provide fundamental, hands-on training of industrial systems and equipment. Students will study and master the basic principles, applications, concepts, and functions of hydraulic systems, bearing and seal types, and power transmission components. Practical instruction is provided with industry-standard equipment and software.

Program Student Learning Outcomes

Upon completion of this program, the graduate will be able to:

1. Apply basic concepts of electrical theory related to motor control
2. Operate and maintain machinery and machinery components such as industrial bearings, gear systems, and shaft joining and coupling devices
3. Perform advanced hydraulic testing procedures, maintenance, and hydraulic systems operation
4. Program, install, and perform diagnostic functions on programmable logic controllers (PLCs)
5. Use a computer and associated hardware and software to generate documents, prepare electronic spreadsheets, manage databases, conduct Internet research, and communicate via electronic mail
6. Relate and apply concepts of communication, reasoning, critical analysis, ethical behavior and appropriate interpersonal interaction to situations in his or her career and personal life
7. Demonstrate the social skills, professional appearance, attitudes and behavior that employers expect of all **SJVC** graduates



Admission Requirements

- Valid California driver license
- No felony convictions
- No misdemeanor convictions for property or drug crimes

Graduation Requirements

- Successful completion of the courses listed below
- Successful completion of the Career Services Seminar (CSS 100)

Credential and Professional Certifications

Graduates earn an Associate of Science Degree.

Graduate Placement

The following job categories are considered in-field placements for graduates of the Industrial Maintenance Technology Program. Detailed information for each Standard Occupational Code (SOC) can be found at <http://www.onetonline.org/>.

- Helpers-Installation, Maintenance & Repair Workers (49-9098.00)
- Maintenance and Repair Workers, General (49-9071.00)
- Maintenance Workers, Machinery (49-9043)
- Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4081.00)

Core Course Requirements

Course ID	Course Name	Credit Units
ECON 1	Economics	3.0
HEA 10	Health and Wellness	3.0
IT 101	Industrial Electricity	10.0
IT 110	Power Transmission	5.0
IT 120	Fluid Power	5.0
IT 201	Programmable Logic Controllers	10.0
MTG 104	Office Supervision and Organization	3.0
SPC 1A	Introduction to Public Speaking	3.0

General Education Course Requirements

Course ID	Course Name	Credit Units
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 the Natural Sciences	3.0
PHIL 1C	Ethics	3.0
PSY 1	General Psychology	3.0
SOC 1	Introduction to Sociology	3.0
Total		66.0



Information Technology

This program is offered **Online**.

Program Description

The Information Technology (InfoTech) program is 60 weeks in length and provides students with the knowledge and skills for a variety of entry-level careers in the Information Technology industry. Students who enroll in the program will take foundational courses in computer hardware and software and will have the option of completing certificates in Computer Support, Networking, and Security on their path towards the degree. This program is designed to prepare students for industry-specific certifications related to their career-path.

Program Student Learning Outcomes

Depending upon selected concentrations, upon completion of the program, the graduate will be able to:

1. Apply problem solving and critical thinking skills to information technology solutions.
2. Design and manage secure networks using standard industry practices.
3. Demonstrate knowledge of hardware and software installation, maintenance, and support.
4. Use technical support and customer service best practices.
5. Follow information security best practices.
6. Troubleshoot, maintain and secure PC's, mobile devices, and peripherals.
7. Relate and apply concepts of communication, reasoning, critical analysis, ethical behavior and appropriate interpersonal interaction to situations in his or her career and personal life.

Graduation Requirements

- Successful completion of the courses listed below
- Successful completion of the Career Services Seminar (CSS100)

Credential and Professional Certifications

Graduates earn an Associate of Science Degree and are eligible to take certification exams through CompTIA®.

Graduate Placement

The following job categories are considered in-field placements for graduates of the Information Technology Program. Detailed information for each Standard Occupational Code (SOC) can be found at <http://www.onetonline.org/>.

- Computer User Support Specialists (15-1151)
- Computer Network Support Specialists (15-1152)
- Information Security Analysts (15-1122)
- Network and Computer Systems Administrators (15-1142)



Core Course Requirements

Course ID	Course Name	Credit Units
COMP 105	Certification Review - Core	2.0
COMP 106	A+ Hardware	4.0
COMP 107	A+ Software	4.0
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 154	Security +	4.0

COMP 156	Network Security	4.0
COMP 224	Certificate Review - Network	1.0
COMP 254	Certificate Review - Security	1.0
Total		36.0

General Education Course Requirements

Course ID	Course Name	Credit Units
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 the Natural Sciences	3.0
PHIL 1C	Ethics	3.0
PSY 1	General Psychology	3.0
SOC 1	Introduction to Sociology	3.0
Total		60.0



Licensed Vocational Nursing to Registered Nursing

An LVN to RN Associate Degree in Nursing is offered at the **SJVC Visalia Campus**.

Program Description

The LVN to RN Associate Degree in Nursing program is designed for Licensed Vocational Nurses who want to take the next step in their medical career. This program allows currently licensed Vocational Nurses to transfer credits from their LVN studies to the required coursework needed for the Registered Nursing program.

Students will be prepared to work as a Registered Nurse within the health care delivery system. Graduates are trained as providers and managers of care, communicators and collaborators, and client advocates and educators. Students learn Med-Surg nursing; Geriatric and pediatric care; obstetric and neonatal nursing; and mental health care.

The LVN-RN Bridge program is approved by the California Board of Registered Nursing (BRN).



Program Student Learning Outcomes

Upon completion of this program, the graduate will be able to:

1. Assist individuals from diverse backgrounds to achieve optimal health utilizing the knowledge gained from biological, social, and nursing sciences
2. Formulate a comprehensive plan of care that minimizes risk and optimizes safety using the nursing process
3. Integrate the role of professional nurse into clinical practice
4. Apply psychological, social, and cultural knowledge to nursing practice
5. Use inter- and intra-professional communication and collaboration skills to deliver evidence-based, patient-centered care
6. Assume the role of advocate to improved health care delivery by communicating and acting according to the expressed needs of the individual
7. Interpret data and apply evidence to support clinical judgment
8. Develop and implement patient education based on identified need and in collaboration with the patient
9. Utilize a variety of resources, including electronic media and medical technology to provide safe, quality care of the patient and family
10. Provide leadership, manage resources, delegate and supervise members of the healthcare team
11. Demonstrate the social skills, professional appearance, attitudes and behavior that employers expect of all **SJVC** graduates

Admission Requirements

- Completion of a minimum of 34 units of general education prerequisite coursework (GPA of 2.5 or higher) in the following subjects at an accredited college or university:
 - Human Anatomy with lab
 - Microbiology with lab
 - Human Physiology with lab
 - General Chemistry with lab
 - Writing & Composition
 - Intermediate Algebra or higher
 - General Psychology
 - Introduction to Sociology or Cultural Anthropology
 - Introduction to Public Speaking / Oral Communication
 - General Education (GE) Breadth Area C2 (minimum of 3.0 units in literature, philosophy, or foreign language)²

These courses are also offered at **SJVC** (see **General Education Prerequisites** below). More information on pre-requisite courses is available on the SJVC website: <http://www.sjvc.edu/admissions/admissions-requirements/prerequisite-courses-faqs>.

² If the student does not have GE Area C2 units to transfer in, PHIL 1C: Ethics must be taken at **SJVC**.

Completion of the program's general education requirements at **SJVC** does not guarantee entry into the RN program.

- Current Basic Life Support (BLS) certification from the American Heart Association
- Evidence of a current California LVN license. Students will receive 6.0 units of credit for the license.
 - The program does allow applicants to challenge the LVN coursework and licensure requirements. To successfully do so, applicants must:
 - Achieve a benchmark equivalent National Standard for ATI Fundamentals Proctored Assessment to establish foundational knowledge base
 - Achieve a score of 75% on the Final Exam for RN10 and RN 10L
- The College has well-defined policies and procedures that govern the acceptance of credit for coursework completed at other institutions, including military education and training for VA students (see Transfer of Credit Policy, College Catalog).

Challenge/Advanced Placement Policy for Military Trained Healthcare Personnel Requesting Entrance into the RN Program

Effective August 2017: Individuals who have held Military Health Care Occupations, specifically: Basic Medical Technician Corpsman (Navy HM or Air Force BMTCP), Army Health Care Specialist (68W Army Medic) or Air Force Independent Duty Medical Technician (IMDT 4N0X1C), may achieve advanced placement into the nursing program with documentation of education and experience qualifying them for the specific Military Health Care Occupation and upon successful completion of the challenge exam(s), dosage calculation exam, and skills competency exam.

Application Process

Prospective students are responsible for providing proof of admission requirements and submitting additional required documents related to the application process. When a complete application file is received, the applicant takes entrance assessment exams and writes a personal goal statement. Final selection is based on points earned in the admission process. Qualified candidates will be considered for an invitation to interview with the selection committee.

Program Length

The bridge program is delivered over the course of four terms (a term is comparable to a semester). Terms 1 and 2 consist of the program's general education pre-requisites (40 weeks) and are followed by the five-week bridge course (RN 28). Students will then matriculate into Terms 3 (22 weeks) and 4 (20 weeks) with a one week break in between these terms. Upon completion, students will complete a one week NCLEX Prep Course for a total program length of 89 weeks.

Graduation Requirements

- Successful completion of the courses listed below with a grade of "C" or higher in all RN courses
- Achieve minimum requirement of the Health Insurance Portability and Accountability Act (HIPAA) component

Credential and Professional Certifications

Graduates earn an Associate of Science Degree in Nursing (ADN) and are eligible to apply to the California Board of Registered Nursing to sit for the National Council Licensure Examination for Registered Nursing (see below).

State Licensure

Graduates are eligible to apply to the California Board of Registered Nursing (BRN) to sit for the National Council Licensure Examination for Registered Nurses (NCLEX-RN). This application requires a background check. When applying for licensure in the State of California to the Board of Registered Nursing (BRN), applicants are required to report any disciplinary action against a professional license and/or misdemeanor or felony convictions; certain convictions may result in denial of licensure. Each case is considered individually by the BRN.

Graduates who pass the NCLEX-RN are licensed by the BRN and authorized to use the RN credential, which is a requirement to work in this field.

Graduate Placement

The following job categories are considered in-field placements for graduates of the Licensed Vocational Nursing to Registered Nursing Program. Detailed information for each Standard Occupational Code (SOC) can be found at <http://www.onetonline.org/>.

- Registered Nurses (29-1141.00)

Course Requirements

General Education Prerequisites (Terms 1-2)

Course ID	Course Name	Credit Units
BIOL 10	Human Anatomy	4.0
BIOL 14	Microbiology	4.0
BIOL 45	Human Physiology	5.0
CHE 3	General Chemistry	4.0
ENG 122 ³	Composition and Reading – Part B	3.0
MTH 122 ³	College Algebra – Part B	3.0
PSY 1	General Psychology	3.0
SOC 1	Introduction to Sociology	3.0
SPC 1A	Introduction to Public Speaking	3.0
Phil 1C	Ethics	3.0
Total⁴		35.0

Nursing Courses - LVN-RN Bridge (Terms 3-4)

(Theory and clinical courses with the same name must be taken concurrently)

Course ID	Course Name	Credit Units
RN 28	Health Promotion	4.0
RN 30	Gerontology/Community Health Nursing – Theory	1.0
RN 30L	Gerontology/Community Health Nursing – Clinical	1.0
RN 35	Intermediate Medical/Surgical Nursing – Theory	3.0
RN 35L	Intermediate Medical/Surgical Nursing – Clinical	3.0
RN 43	Mental Health Psychiatric Nursing – Theory	3.0
RN 43L	Mental Health Psychiatric Nursing – Clinical	2.0
RN 34	Maternal/Child Nursing - Theory	3.0
RN 34L	Maternal/Child Nursing – Clinical	2.0
RN 44 ⁵	Leadership	3.0
RN 45	Advanced Medical Surgical Nursing – Theory	3.0
RN 45L	Advanced Medical Surgical Nursing – Clinical	3.0
RN 50 ⁶	Work Study	0.0
RN 51	NCLEX Review	0.0
	Credit for California issued Vocational Nurse License	6.0
Total		37.0
Program Total⁷		72.0



³ Enrollment in this course requires a passing score on the course challenge exam.

⁴ Total unit value may vary from student to student based upon transfer credit awarded for general education pre-requisites.

⁵ Fulfills the CSS100 requirement.

⁶ Course is not a degree requirement; students will be enrolled at the discretion of the Program Director.

⁷ Includes credit awarded for general education pre-requisites.

Medical Billing and Coding

This program is offered **Online**

Program Description

The Medical Billing and Coding program is 65 weeks in length and trains students to work on the administrative side of healthcare in a medical practice, facility billing service, or health insurance company. Hands-on experience and classroom instruction include the study of anatomy and physiology, medical terminology, diagnostic and procedural coding, insurance principles and billing, medical office skills, and professional communication.

Program Student Learning Outcomes

Upon completion of this program, the graduate will be able to:

1. Perform administrative skills such as scheduling and receiving patients as well as documenting and maintaining patient financial records
2. Operate and manage a computerized medical office that includes EMR/EHR and practice management program
3. Code, develop, submit, and manage insurance claims accurately
4. Manage emergency situations requiring CPR/BLS-HCP and/or first aid
5. Communicate effectively orally and in writing using correct medical and insurance terminology
6. Demonstrate the skills required to be prepared for AAPC certification exams
7. Relate and apply concepts of communication, reasoning, critical analysis, ethical behavior and appropriate interpersonal interaction to situations in his or her career and personal life
8. Demonstrate the social skills, professional appearance, attitudes and behavior that employers expect of all **SJVC** graduates



Bridge Course

A bridge course – MBC 100: Medical Billing and Coding Requisites, will be offered, as needed, to students who meet one of the following criteria for entry into the Medical Billing & Coding program: 1) Online Medical Office Administration (MOA) program graduates who have received ICD-10 training; 2) On-ground MOA certificate graduates; or 3) On-ground MOA certificate enrollments who wish to transition to the Medical Billing and Coding degree program and have already completed the MOP 120 and MOP 140 courses.

Graduation Requirements

- Successful completion of the courses listed below
- Minimum keyboarding speed of 35 net words per minute
- Achieve minimum standard of the Health Insurance Portability and Accountability Act (HIPAA) component
- Successful completion of the Career Services Seminar (CSS 100) course

Credential and Professional Certifications

Graduates earn an Associate of Science degree and are eligible to take the Certified Professional Coder (CPC) and Certified Professional Biller certification examinations administered by the American Academy of Professional Coders (AAPC). Graduates earn a typing certificate and also certifications in HIPAA, and first aid.

Graduate Placement

The following job categories are considered in-field placements for graduates of the Medical Billing and Coding Program. Detailed information for each Standard Occupational Code (SOC) can be found at <http://www.onetonline.org/>.

- Medical Secretaries (43-6013.00)
- Billing and Posting Clerks (43.3021)
- Medical Records and Health Information Technicians (29-2071.00)
- Office Clerks, General (43-9061.00)
- Medical Assistants (31-9092.00)

Core Course Requirements

Course ID	Course Name	Credit Units
HCP 101	Structural Anatomy and Terminology	3.0
HCP 102	Body Systems and Terminology	3.0
HCP 103	Foundational Office Skills	2.0
HCP 201	Diseases and Disorders	3.0
COMP 101	Computer Literacy & Applications for the Professional	3.0
MOP 110	Medical Insurance Principles	5.0
MOP 120	CPT and HCPCS Coding	3.0
MOP 130	Billing Principles	2.0
MOP 140	ICD Coding	3.0
MOP 210	Medical Office Principles	2.0
BUSN 100	Business Math Applications	3.0
MBC 105	Body Systems and Pathology	3.0
MBC 125	CPT Coding	3.0
MBC 210	Medical Coding Practicum	3.0
MBC 220	Medical Coding Seminar	1.0
MBC 230	Medical Billing Practicum	3.0
MBC 240	Medical Billing Seminar	1.0

General Education Course Requirements

Course ID	Course Name	Credit Units
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 the Natural Sciences	3.0
PHIL 1C	Ethics	3.0
PSY 1	General Psychology	3.0
SOC 1	Introduction to Sociology	3.0
Total		70.0



Medical Office Administration

This program is offered at **Antelope Valley (Lancaster), Bakersfield, Fresno, Modesto (Salida), Ontario, Temecula, Victor Valley (Hesperia), and Visalia.**

Program Description

The Medical Office Administration program is 60 weeks in length and prepares graduates to work in front-office positions for a medical practice, healthcare facility, or insurance company. Hands-on experience and classroom instruction include the study of office management, medical billing, coding, Electronic Health Records training, patient recordkeeping, bookkeeping, and professional communication.

Program Student Learning Outcomes

Upon completion of this program, the graduate will be able to:

1. Perform administrative skills such as scheduling and receiving patients as well as charting and maintaining patient records
2. Operate and manage a computerized medical office that includes bookkeeping and accounting tasks
3. Code, submit, and manage insurance claims accurately
4. Manage emergency situations requiring CPR or first aid
5. Communicate effectively orally and in writing using correct medical terminology and demonstrate the skills required to be prepared for professional certification exams
6. Relate and apply concepts of communication, reasoning, critical analysis, ethical behavior and appropriate interpersonal interaction to situations in his or her career and personal life
7. Demonstrate the social skills, professional appearance, attitudes and behavior that employers expect of all **SJVC** graduates



Graduation Requirements

- Successful completion of the courses listed below
- Minimum keyboarding speed of 35 net words per minute
- Achieve the minimum requirement of the Health Insurance Portability Accountability Act (HIPAA) component
- Successful completion of the Career Services Seminar (CSS 100) course

Credential and Professional Certifications

Graduates earn an Associate of Science degree and are eligible to sit for the National Certified Medical Office assistant (NCMOA) exam or the National Certified Insurance & Coding Specialist (NCIS) exam offered by the National Center for Competency Testing. Graduates also earn the following certifications: HIPAA, AHA-Adult & Infant CPR, and First Aid Certification.

Graduate Placement

The following job categories are considered in-field placements for graduates of the Medical Office Administration Program. Detailed information for each Standard Occupational Code (SOC) can be found at <http://www.onetonline.org/>.

- Billing and Posting Clerks (43-3021.00)
- Medical Assistants (31-9092.00)
- Medical Records and Health Information Technicians (29-2071.00)
- Medical Secretaries (43-6013.00)
- Office Clerks, General (43-9061.00)

Core Course Requirements

Course ID	Course Name	Credit Units
BUSN 100	Business Math Applications	3.0
HCP 101	Structural Anatomy and Terminology	3.0
HCP 102	Body System Anatomy and Terminology	3.0
HCP 103	Foundational Office Skills	2.0
HCP 201	Diseases and Disorders	3.0
COMP 101	Computer Literacy & Applications for the Professional	3.0

HCP 203	Medical Office Management	3.0
MOP 110	Medical Insurance Principles	5.0
MOP 120	CPT and HCPCS Coding	3.0
MOP 130	Billing Principles	2.0
MOP 140	ICD Coding	3.0
MOP 210	Medical Office Principles	2.0
MOP 220	Medical Office Capstone	2.0
MOP 500	Externship	3.0
MOP 510	Externship Seminar	1.0

General Education Course Requirements

Course ID	Course Name	Credit Units
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 the Natural Sciences	3.0
PHIL 1 C	Ethics	3.0
PSY 1	General Psychology	3.0
SOC 1	Introduction to Sociology	3.0
Total		65.0



Pharmacy Technology

This program is offered at Antelope Valley (Lancaster), **Bakersfield, Fresno, Modesto (Salida), Ontario, Temecula, Victor Valley (Hesperia), and Visalia.**

Program Description

The Pharmacy Technology program is 60 weeks in length and prepares students to work under the direct supervision of a Registered Pharmacist as part of a team responsible for carrying out a doctor's pharmaceutical orders. Pharmacy Technicians assist in the various activities of compounding, distributing, and dispensing of medications.

Training includes a balance of classroom and lab instruction, as well as an extern component, which allows students experiential learning in an actual clinical environment.

Program Student Learning Outcomes

Upon completion of this program, the graduate will be able to:

1. Exhibit accurately the competencies of a Pharmacy Technician including:
 - Legal limitations within the law
 - How and why aseptic techniques are used
 - Legal requirements for prescription forms and labels
 - Correct medical terminology
 - Stability characteristics and storage requirements of commonly prescribed drugs
 - Drug to drug interactions of commonly prescribed drugs
 - Indications of commonly prescribed drugs
 - The trade (brand) and generic names of commonly prescribed drugs
2. Read, interpret, transcribe, troubleshoot, and process prescriptions and medical orders accurately
3. Demonstrate the ethical principles of the pharmacy profession
4. Possess and display professional skills related to dependability, customer service, team work, flexibility & adaptability in working with patients, medical staff, insurance staff, and other pharmacy personnel
5. Characterize a medical professional capable of learning, growing and adapting to varied environments and activities in working with a licensed Pharmacist
6. Relate and apply concepts of communication, reasoning, critical analysis, ethical behavior and appropriate interpersonal interaction to situations in his or her career and personal life
7. Demonstrate the social skills, professional appearance, attitudes and behavior that employers expect of all **SJVC** graduates

Graduation Requirements

- Successful completion of the courses listed below with a grade of "C" or better in all PT courses
- Minimum keyboarding speed of 35 net words per minute
- Meet the minimum requirement of the Health Insurance Portability Accountability Act (HIPAA) component
- Successful completion of the Career Services Seminar (CSS100)

Credential and Professional Certifications

Graduates earn an Associate of Science degree and will become eligible to apply for licensure with the California State Board of Pharmacy (see below). Students qualify to take the National Pharmacy Technician Certification Exam (PTCE) upon successful completion of practice exams administered during their course of study and with the approval of the Pharmacy Liaison. Students also earn their HIPAA Certification.

State Licensure

Graduates are eligible to apply for licensure with the California State Board of Pharmacy providing they meet the requirements as specified by the board, including a Department of Justice criminal background check and data bank query to determine if an act has been committed that constitutes grounds for denial of licensure. This license is required in the



State of California for employment as a Pharmacy Technician. This license is required in the State of California for employment as a Pharmacy Technician.

Graduate Placement

The following job categories are considered in-field placements for graduates of the Pharmacy Technology Program. Detailed information for each Standard Occupational Code (SOC) can be found at <http://www.onetonline.org/>.

- Pharmacy Aides (31-9095.00)
- Pharmacy Technicians (29-2052.00)

Core Course Requirements

Course ID	Course Name	Credit Units
PHR 15	Pharmacy Science and Applications 2	5.0
PHR 20	Pharmacy Law and Ethics	3.0
PHR 25	Pharmacy Records and Documentation	3.0
PHR 30	Pharmacy Math and Computations	3.0
PHR 100	Pharmacy Science and Applications 1	5.0
PHR 120	Pharmacy Clinical Applications 1	2.0
PHR 135	Pharmacy Clinical Applications 2	3.0
PHR 203	Pharmaceutical Laboratory Applications 1	2.0
PHR 231	Anatomy, Physiology, and Pharmacology 1	3.0
PHR 303	Pharmaceutical Laboratory Applications 2	2.0
PHR 312	Pharmacy Business Simulations and Computer Applications	3.0
PHR 371	Professional Development	2.0
PHR 512	Clinical Experience	2.0
PHR 513	Externship Seminar	1.0

General Education Course Requirements

Course ID	Course Name	Credit Units
ENG 121	Reading and Composition – Part A	3.0
ENG 122	Reading and Composition – Part B	3.0
MTH 121	College Algebra Part A	3.0
MTH 122	College Algebra Part B	3.0
NSC 1	Introduction to the Natural Sciences	3.0
PHIL 1C	Ethics	3.0
PSY 1	General Psychology	3.0
SOC 1	Introduction to Sociology	3.0
Total		63.0



Registered Nursing

An Associate Degree in Nursing (ADN) (also referred to as the generic program) is offered at the **Visalia** and **Ontario Campuses**.

Program Description

SJVC's Registered Nursing program prepares students to work as a Registered Nurse within the health care delivery system. Graduates are trained as providers and managers of care, communicators and collaborators, and collaborators; and client advocates and educators. Students learn Med-Surg nursing; Geriatric and pediatric care; obstetric and neonatal nursing; and mental health care. The RN program is approved by the California Board of Registered Nursing (BRN).

Program Student Learning Outcomes

Upon completion of this program, the graduate will be able to:

1. Assist individuals from diverse backgrounds to achieve optimal health utilizing the knowledge gained from biological, social, and nursing sciences
2. Formulate a comprehensive plan of care that minimizes risk and optimizes safety using the nursing process
3. Integrate the role of professional nurse into clinical practice
4. Apply psychological, social, and cultural knowledge to nursing practice
5. Use inter- and intra-professional communication and collaboration skills to deliver evidence-based, patient-centered care
6. Assume the role of advocate to improved health care delivery by communicating and acting according to the expressed needs of the individual
7. Interpret data and apply evidence to support clinical judgment
8. Develop and implement patient education based on identified need and in collaboration with the patient
9. Utilize a variety of resources, including electronic media and medical technology to provide safe, quality care of the patient and family
10. Provide leadership, manage resources, delegate and supervise members of the healthcare team
11. Demonstrate the social skills, professional appearance, attitudes and behavior that employers expect of all **SJVC** graduates



Admission Requirements

- Completion of a minimum of 34 units of general education prerequisite coursework (GPA of 2.5 or higher) in the following subjects at an accredited college or university:
 - Human Anatomy with lab
 - Microbiology with lab
 - Human Physiology with lab
 - General Chemistry with lab
 - Writing & Composition
 - Intermediate Algebra or higher
 - General Psychology
 - Introduction to Sociology or Cultural Anthropology
 - Introduction to Public Speaking / Oral Communication
 - General Education (GE) Breadth Area C2 (minimum of 3.0 units in literature, philosophy, or foreign language)⁸

These courses are offered at **SJVC** (see **General Education Prerequisites** below). More information on pre-requisite courses is available on the sjvc website: <http://www.sjvc.edu/admissions/admissions-requirements/prerequisite-courses-faqs>. Completion of the program's general education requirements at **SJVC** does not guarantee entry into the RN program.

- Current Basic Life Support (BLS) certification from the American Heart Association
- Evidence of a current California LVN license. Students will receive 6.0 units of credit for the license.

⁸ If the student does not have GE Area C2 units to transfer in, PHIL 1C: Ethics must be taken at **SJVC**.

- The program does allow applicants to challenge the LVN coursework and licensure requirements. To successfully do so, applicants must:
 - Achieve a benchmark equivalent National Standard for ATI Fundamentals Proctored Assessment to establish foundational knowledge base
 - Achieve a score of 75% on the Final Exam for RN10 and RN 10L
- The College has well-defined policies and procedures that govern the acceptance of credit for coursework completed at other institutions, including military education and training for VA students (see Transfer of Credit Policy, College Catalog).

Challenge/Advanced Placement Policy for Military Trained Healthcare Personnel Requesting Entrance into the RN Program
 Effective August 2017: Individuals who have held Military Health Care Occupations, specifically: Basic Medical Technician Corpsman (Navy HM or Air Force BMTCP), Army Health Care Specialist (68W Army Medic) or Air Force Independent Duty Medical Technician (IMDT 4N0X1C), may achieve advanced placement into the nursing program with documentation of education and experience qualifying them for the specific Military Health Care Occupation and upon successful completion of the challenge exam(s), dosage calculation exam, and skills competency exam.

Application Process

Prospective students are responsible for providing proof of admission requirements and submitting additional required documents related to the application process. When a complete application file is received, the applicant takes entrance assessment exams and writes a personal goal statement. Final selection is based on points earned in the admission process. Qualified candidates will be considered for an invitation to interview with the selection committee.

Program Length

The bridge program is delivered over the course of four terms (a term is comparable to a semester). Terms 1 and 2 consist of the program's general education pre-requisites (40 weeks) and are followed by the five-week bridge course (RN 28). Students will then matriculate into Terms 3 (22 weeks) and 4 (20 weeks) with a one week break in between these terms. Upon completion, students will complete a one week NCLEX Prep Course for a total program length of 89 weeks.

Graduation Requirements

- Successful completion of the courses listed below with a grade of "C" or higher in all RN courses
- Achieve minimum requirement of the Health Insurance Portability and Accountability Act (HIPAA) component

Credential and Professional Certifications

Graduates earn an Associate of Science Degree in Nursing (ADN) and are eligible to apply to the California Board of Registered Nursing to sit for the National Council Licensure Examination for Registered Nursing (see below).

State Licensure

Graduates are eligible to apply to the California Board of Registered Nursing (BRN) to sit for the National Council Licensure Examination for Registered Nurses (NCLEX-RN). This application requires a background check. When applying for licensure in the State of California to the Board of Registered Nursing (BRN), applicants are required to report any disciplinary action against a professional license and/or misdemeanor or felony convictions; certain convictions may result in denial of licensure. Each case is considered individually by the BRN.

Graduates who pass the NCLEX-RN are licensed by the BRN and authorized to use the RN credential, which is a requirement to work in this field.

Graduate Placement

The following job categories are considered in-field placements for graduates of the Licensed Vocational Nursing to Registered Nursing Program. Detailed information for each Standard Occupational Code (SOC) can be found at <http://www.onetonline.org/>.

- Registered Nurses (29-1141.00)
 Completion of the program's general education requirements at **SJVC** does not guarantee entry into the RN program.

Course Requirements

General Education Prerequisites (Terms 1-2)

Course ID	Course Name	Course Units
BIOL10	Human Anatomy	4.0
BIOL 14	Microbiology	4.0
BIOL 45	Human Physiology	5.0
CHE 3	General Chemistry	4.0
ENG 122 ⁹	Composition and Reading – Part B	3.0
MTH 122 ⁹	College Algebra – Part B	3.0
PSY 1	General Psychology	3.0
SOC 1	Introduction to Sociology	3.0
SPC 1A	Introduction to Public Speaking	3.0
PHIL 1C	Ethics	3.0
Total ¹⁰		35.0

Nursing Courses (Terms 3-6) (Theory and clinical courses with the same name must be taken concurrently)

Course ID	Course Name C	Credit Units
RN 10	Fundamentals of Nursing – Theory	3.0
RN 10L	Fundamentals of Nursing – Clinical	3.0
RN 43	Mental Health Nursing – Theory	3.0
RN 43L	Mental Health Nursing – Clinical	2.0
RN 12	Nursing Seminar 1: Pathophysiology	2.0
RN 24	Beginning Medical/Surgical Nursing – Theory	3.0
RN 24L	Beginning Medical/Surgical Nursing – Clinical	3.0
RN 35	Intermediate Medical/Surgical Nursing – Theory	3.0
RN 35L	Intermediate Medical/Surgical Nursing	3.0
RN 22	Nursing Seminar 2: Pharmacology	2.0
RN 23	Maternal Newborn Nursing – Theory	3.0
RN 23L	Maternal Newborn Nursing – Clinical	2.0
RN 37	Pediatrics – Theory	3.0
RN 37L	Pediatrics – Clinical	2.0
RN 30	Gerontology/Community Nursing – Theory	1.0
RN 30L	Gerontology/Community Nursing – Clinical	1.0
RN 36	Health Appraisal	2.0
RN 46	Advanced Medical/Surgical Nursing – Theory	3.0
RN 46L	Advanced Medical/Surgical Nursing – Clinical	4.0
RN 44 ¹¹	Leadership	3.0
RN 50 ¹²	Work Study	0.0
RN 51	NCLEX Review	0.0
TOTAL		51.0
PROGRAM TOTAL ¹³		86.0

⁹ Enrollment in this course requires a passing score on the course challenge exam.

¹⁰ Total unit value may vary from student to student based upon transfer credit awarded for general education pre-requisites.

¹¹ Fulfills the CSS100 requirement.

¹² This course is no a degree requirement; students will be enrolled at the discretion of the Program Director.

¹³ Includes credit awarded for general education pre-requisites.

Respiratory Therapy

This program is offered at **Bakersfield, Ontario, Rancho Cordova, Temecula and Visalia.**

Program Description

The Respiratory Therapy program is 80 weeks in length and prepares students to be a member of a health care team that evaluates, treats, and manages patients with respiratory illness and other cardiopulmonary disorders. In addition to performing respiratory care procedures, respiratory therapists are involved in clinical decision-making and patient education. Students receive extensive clinical practice in hospitals and clinics to gain real world experience.

The RT program is accredited by the Commission on Accreditation for Respiratory Care (CoARC).

Program Student Learning Outcomes

Upon completion of this program, the graduate will be able to:

1. Perform clinically as a competent advanced-level Respiratory Therapist
2. Exemplify critical thinking and judgment skills
3. Demonstrate personal and professional behavior consistent with a Respiratory Therapist
4. Earn Basic Life Support (BLS), Advanced Cardiac Life Support (ACLS), Pediatric Advanced Life Support Provider (PALS), and Neonatal Resuscitation Provider (NRP) certifications
5. Become a Registered Respiratory Therapist
6. Characterize the philosophies of lifelong learning and professional growth by participating in continued education and community outreach
7. Demonstrate the social skills, professional appearance, attitudes and behavior that employers expect of all **SJVC** graduates
8. Relate and apply concepts of communication, reasoning, critical analysis, ethical behavior and appropriate interpersonal interaction to situations in his or her career and personal life.



Admission Requirements

- Applicant must be in good health and physically fit.
- Applicant must be age 18 by his/her expected graduation date.

Applicants are selected based on points earned in an evaluation process that includes assessment, transcript review, professional reference, and personal interview.

Graduation Requirements

- Successful completion of the courses listed below with a grade of “C” or higher in all RT courses, including co-requisite general education and science course work (BIO 21, BIO 24, and CHE 3A)¹⁴
- Achieve minimum requirement of the Health Insurance Portability and Accountability Act (HIPAA) component
- Successfully pass the skills competencies and program certifications in the term in which they are given
- Document a minimum of 85% attendance in each academic and clinical course
- Successful completion of the Career Services Seminar (CSS 100)

Credential and Professional Certifications

Graduates earn an Associate of Science degree and the following certifications: Basic Life Support (BLS); Advanced Cardiac Life Support (ACLS); Pediatric Advanced Life Support (PALS); and Neonatal Resuscitation Provider (NRP).

State Licensure

Graduates are eligible to sit for the National Board of Respiratory Care (NBRC): Therapist Multiple Choice Exam (TMC). Upon achieving the minimum cut score on the TMC, graduates will be eligible to take the Clinical Simulation Exam (CSE). Upon

¹⁴ If the minimum grade requirement is not met, the student will be required to repeat the failed course and will not be allowed to advance into their next term of instruction until a passing grade is earned.

successfully passing the CSE exam the graduate earns the Registered Respiratory Therapy (RRT) credential. The RRT credential is the minimum entry requirement for licensure in California.

Graduates who earn the RRT credential by the National Board for Respiratory Care and licensed by the California Respiratory Care Board are authorized to use the title "Licensed Respiratory Care Practitioner," which is a requirement to work in this field.

Graduate Placement

The following job categories are considered in-field placements for graduates of the Respiratory Therapy Program. Detailed information for each Standard Occupational Code (SOC) can be found at <http://www.onetonline.org/>.

- Respiratory Therapists (29-1126.00)
- Respiratory Therapy Technicians (29-2054.00)

Core Course Requirements

Course ID	Course Name	Course Units
BIO 24	Human Anatomy and Physiology	4.0
CHE 3A	Introduction to General Chemistry	4.0
BIO 31	Microbiology	4.0
RT 10A	Introduction to Respiratory Care	6.0
RT 10B	Introduction to Respiratory Care	4.0
RT 20	Fundamentals of Respiratory Care	4.0
PHAR 21	Pharmacology	2.0
RT 30A	Ventilatory Principles of Respiratory Care	4.0
RT 30B	Critical Care Principles of Respiratory Care	3.0
RT 31	Essentials of Respiratory Care	7.0
RT 40	Advanced Respiratory Care	7.0
RT 41	Specialized Respiratory Care	7.0
RT 1	Clinical Laboratory Practice	1.0
RT 22	Clinical Practice Rotation 1	5.0
RT 33	Clinical Practice Rotation 2	6.0
RT 44	Clinical Practice Rotation 3	6.0

General Education Course Requirements

Course ID	Course Name	Course Units
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
PHIL 1C	Ethics	3.0
PSY 1	General Psychology	3.0
SOC 1	Introduction to Sociology	3.0
Total		95.0

Surgical Technology

This program is offered at **Bakersfield** and **Fresno**.

Program Description

The Surgical Technology program is 64 weeks in length and prepares students to facilitate invasive, therapeutic, and diagnostic surgical procedures. Students learn the theory and application of sterile techniques as well as human anatomy. Instruction includes an extensive clinical rotation to give students hands-on experience in a surgical environment.

The Surgical Technology program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) in cooperation with the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC-STSA).

Program Student Learning Outcomes

Upon completion of this program, the graduate will be able to:

1. Complete eligibility requirements for the National Certification Exam for Surgical Technologists
2. Demonstrate knowledge of surgical technology skills by successfully accomplishing controlled learning activities
3. Employ information obtained from biological, social and psychological studies
4. Obtain and use knowledge in providing culturally fitting patient care
5. Apply acquired skills and knowledge within the clinical setting
6. Practice surgical asepsis in diverse clinical backgrounds
7. Function as a surgical team member to deliver excellence in patient care
8. Demonstrate the development and consistent application of a surgical conscience
9. Practice accountability, competence, and character demonstrative of a trained professional
10. Practice ownership of learning and maintain responsibility and self-discipline to appraise and incorporate continued learning
11. Relate and apply concepts of communication, reasoning, critical analysis, ethical behavior and appropriate interpersonal interaction to situations in his or her career and personal life
12. Demonstrate the social skills, professional appearance, attitudes and behavior that employers expect of all **SJVC** graduates



Admission Requirements

- Applicant must be in good health and physically fit
- Applicant must be age 18 by his/her expected graduation date

Applicants are selected based on points earned in an evaluation process that includes assessment, transcript review, professional reference and personal interviews.

Graduation Requirements

- Successful completion of the courses listed below with a grade of “C” or higher in all ST courses
- Achieve the minimum requirement for the Health Insurance Portability and Accountability Act (HIPAA) component
- Successful completion of the Career Services Seminar (CSS100)

Credential and Professional Certifications

Graduates of this program earn an Associate of Science degree and the following certifications: CPR, HIPAA, and Blood Borne Pathogens. Graduates are also eligible to apply to the National Board of Surgical Technology and Surgical Assisting (NBSTSA) to sit for the Certified Surgical Technologist (CST) national certification exam. Graduates who pass the certification exam are authorized to use the credential Certified Surgical Technologist (CST).

Graduate Placement

The following job categories are considered in-field placements for graduates of the Surgical Technology Program. Detailed information for each Standard Occupational Code (SOC) can be found at <http://www.onetonline.org/>.

- Surgical Technologists (29-2055.00)

Core Course Requirements

Course ID	Course Name	Credit Units
APMT 1	Anatomy and Physiology with Medical Terminology	5.0
STC 3	Clinical Experience 1	5.0
STC 4	Clinical Experience 2	7.0
STL 1	Surgical Case Management Lab	2.0
STL 2	Basic Surgical Procedures Lab	2.0
STT 11	Introduction to Surgical Technology	5.0
STT 12	Surgical Case Management	3.0
STT 22	Basic Surgical Procedures	9.0
STT 33	Advanced Surgical Procedures	7.0
STT 44	Professional Development	6.0

General Education Course Requirements

Course ID	Course Name	Credit Units
ENG 121	Reading and Composition – Part A	3.0
ENG 122	Reading and Composition – Part B	3.0
MTH 121	College Algebra – Part A	3.0
MTH 122	College Algebra – Part B	3.0
PHIL 1C	Ethics	3.0
PSY 1	General Psychology	3.0
SOC 1	Introduction to Sociology	3.0
Total		72.0



Veterinary Technology

This program is offered at **Bakersfield** and **Fresno**.

Program Description

The Veterinary Technology program is 65 weeks in length and prepares students with the skills to help animals when they need it most. This in-depth training covers animal patient care including lab tests, radiology procedures, and surgical assisting. Curriculum also focuses on communication skills involving pet owner education, sick animal counseling, and wellness/preventative measures.

Students receive hands-on training under the direct supervision of a Registered Veterinary Technician or Doctor of Veterinary Medicine. Externship rotations include various animal care environments to give students real-world experience.

The Fresno Veterinary Technology program holds initial accreditation by the American Veterinary Medical Association (AVMA).

Program Student Learning Outcomes

Upon completion of this program, the graduate will be able to:

1. Perform the duties pertaining to veterinary clinic reception, bookkeeping, office management, and general computer skills
2. Perform the various duties of a veterinary assistant, such as venipuncture, administering of injections, placing of IV catheters, intubation, and the monitoring of anesthesia in a surgical setting
3. Perform dental prophylaxis, with capability to instruct and demonstrate in-home dental care, providing detailed explanation for future recommendations
4. Apply the concepts of animal husbandry, common diseases, signs, treatment, and prevention of disease to the Veterinary Technician profession
5. Perform and apply laboratory procedures, as well as radiographic film processing regarded as diagnostic contributions in animal health care
6. Demonstrate confidence in the execution of exam room protocols, such as proper pet restraining techniques, the obtaining of vitals, accurate recording of patient history and client communication within the examination process
7. Relate and apply concepts of communication, reasoning, critical analysis, ethical behavior and appropriate interpersonal interaction to situations in his or her career and personal life
8. Demonstrate the social skills, professional appearance, attitudes and behavior that employers expect of all **SJVC** graduates

Graduation Requirements

- Successful completion of the courses listed below with a grade of "C" or higher in all VRT courses
- Successful completion of the Career Services Seminar (CSS 100)

Credential and Professional Certifications

Fresno Veterinary Technology Program: Graduates earn an Associate of Science degree and are immediately eligible to work as a Veterinary Assistant. This program holds initial accreditation by the American Veterinary Medical Association (AVMA), qualifying students to sit for both the California Veterinary Technician Examination (CVTE) and the Veterinary Technician National Exam (VTNE) after graduation. Upon successful completion of both exams, graduates are eligible to obtain state licensure and work as a Registered Veterinary Technician (RVT). For more information, please refer to the state board website: <http://www.vmb.ca.gov>.

Bakersfield Veterinary Technology Program: Graduates earn an Associate of Science degree and can apply for licensure by meeting all of the Veterinary Medical Board requirements, including completion of 4,416 hours of practical experience under the direct supervision of a California licensed veterinarian and submission of **SJVC** course outlines to the Veterinary Medical Board. For additional details, please visit: <http://www.vmb.ca.gov>



Graduate Placement

The following job categories are considered in-field placements for graduates of the Veterinary Technology Program. Detailed information for each Standard Occupational Code (SOC) can be found at <http://www.onetonline.org/>.

- Veterinary Assistants and Lab Animal Caretakers (31-9096.00)
- Veterinary Technologists and Technicians (29-2056.00)

Core Course Requirements

Course ID	Course Name	Credit Units
BIO 32	Microbiology	3.0
VRT 101	Anatomy and Physiology of Domestic Animals	5.0
VRT 105	Fundamentals of Animal Nursing	3.0
VRT 205	Laboratory Procedures	5.0
VRT 104	Companion Animal Nursing	5.0
VRT 207	Farm Animal Nursing	3.0
VRT 208	Introduction to Pharmacology	3.0
VRT 300	Beginning Diagnostic Imaging	2.0
VRT 330	Beginning Surgical Assisting	5.0
VRT 308	Advanced Pharmacology	3.0
VRT 340	Advanced Surgical Procedures	5.0
VRT 403	Advanced Diagnostic Imaging Applications	2.0
VRT 406	Exotic and Lab Animals	3.0
VRT 407	Course Review and Essential Skills	2.0
VRT 493	Externship	5.0

General Education Course Requirements

Course ID	Course Name	Credit Units
ENG 121	Reading and Composition – Part A	3.0
ENG 122	Reading and Composition – Part B	3.0
MTH 121	College Algebra – Part A	3.0
MTH 122	College Algebra – Part B	3.0
PHIL 1C	Ethics	3.0
PSY 1	General Psychology	3.0
SOC 1	Introduction to Sociology	3.0
Total		75.0



Vocational Nursing

This program is offered at **Visalia**.

Program Description

The Licensed Vocational Nursing program is 67 weeks in length and trains students to offer professional care to the sick, injured, convalescent, and disabled under the direction of physicians and registered nurses. LVNs are an important part of a health care team responsible for administering medical treatment, detecting illnesses, and patient education.

The program includes an externship which allows students to further their studies in a real-world medical environment. This hands-on clinical training enhances the learning experience and allows students to develop a work history while completing their studies.

The Vocational Nursing program is approved by the Board of Vocational Nursing and Psychiatric Technicians.

Program Student Learning Outcomes

Upon completion of this program, the graduate will be able to:

1. Use nursing knowledge, judgment and skills to establish baseline data for the nursing process
2. Demonstrate competence in diagnostic and therapeutic nursing techniques
3. Use strong, developed self-concept in combination with creative/critical thinking, nursing judgment, knowledge and skills to provide nursing care in all health care settings
4. Embody caring and compassion as evidenced by interpersonal interactions and therapeutic practice
5. Use communication skills and collaboration with clients/families, and other members of the health care delivery team
6. Apply organizational skills to focus the care on the client's needs while working with interdisciplinary teams of allied health workers
7. Use nursing judgment to provide cost-effective client care
8. Use leadership and professionalism to be a client advocate and bring about any needed changes in the health care delivery system of today
9. Pass the Licensed Vocational Nurse Board Examination for licensure
10. Relate and apply concepts of communication, reasoning, critical analysis, ethical behavior and appropriate interpersonal interaction to situations in his or her career and personal life
11. Demonstrate the social skills, professional appearance, attitudes and behavior that employers expect of all **SJVC** graduates

Admission Requirements

- Applicant must be in good health and physically fit
- Applicant must be age 18 by his/her expected start date
- Applicant must provide current CPR certification from the American Heart Association

Applicants are selected based on points earned in an evaluation process that includes assessment, transcript review, professional reference and personal interview.

Graduation Requirements

- Successful completion of all courses listed below with a grade of "C" or higher in all VN courses
- Achieve the minimum requirement of the Health Insurance Portability and Accountability Act (HIPAA) component
- Successful completion of the Career Services Seminar (CSS100)

Credential and Professional Certifications

Graduates earn an Associate of Science degree and are eligible to sit for the National Council Licensure Examination for Practical Nurses (NCLEX-PN). This exam requires a background check. Graduates also earn HIPAA certification.

State Licensure

Graduates who pass the NCLEX-PN are licensed by the Board of Vocational Nursing and are authorized to use the credential Licensed Vocational Nurse (LVN), which is a requirement to work in this field.



Graduate Placement

The following job categories are considered in-field placements for graduates of the Vocational Nursing Program. Detailed information for each Standard Occupational Code (SOC) can be found at <http://www.onetonline.org/>.

- Licensed Practical and Licensed Vocational Nurses (29-2061.00)

Core Course Requirements

Course ID	Course Name	Credit Units	Credit Hours
VN 9	Anatomy and Physiology for Vocational Nurses	3.0	45
VN 11	Clinical Pharmacology for Nurses	4.0	60
VN 14	Nursing Fundamentals Theory	6.0	90
VN 21	Nursing of the Mature Adult Theory	8.0	120
VN 32	Maternity Nursing Theory	3.0	45
VN 33	Pediatric Nursing Theory	3.0	45
VN 40	Critical Care Concepts Theory	8.0	120
VN 46	Nursing Ethics and Professionalism	2.0	30
VN 51	Pharmacology: Dosages and Calculations	2.0	30
VN 100	Nursing Fundamentals of the Adult Clinical Rotation	3.0	160
VN 112	Nursing Fundamentals Skills Lab	1.0	80
VN 201	Nursing of the Mature and Older Adult Clinical Rotations	5.0	240
VN 301	Maternity and Pediatric Nursing Clinical Rotations	5.0	240
VN 401	Advanced Nursing Care in Medical/Surgical, Mental and Community Health Clinical Rotations	5.0	240
VN 501	Comprehensive Licensure Exam Review	2.0	40

General Education Course Requirements

Course ID	Course Name	Credit Units	Credit Hours
ENG 121	Reading and Composition – Part A	3.0	45
ENG 122	Reading and Composition – Part B	3.0	45
MTH 121	College Algebra – Part A	3.0	45
MTH 122	College Algebra – Part B	3.0	45
PHIL 1C	Ethics	3.0	45
PSY 1	General Psychology	3.0	45
SOC 1	Introduction to Sociology	3.0	45
Total		81.0	1900



GRADUATION REQUIREMENTS FOR THE ASSOCIATE OF SCIENCE DEGREE

An Associate of Science Degree will be awarded to students who fulfill the following requirements:

- Completion of a minimum of 60 units of coursework;
- Completion of program and general education coursework;
- Completion of the Career Services Seminar or equivalent;
- 2.0 cumulative grade point average; and
- Completion of any program graduation requirements.¹⁵

Proficiency in Basic Skills

All students granted an Associate of Science degree must have demonstrated college-level competence in reading, written expression, and math skills.

Reading and written expression proficiency *must* be satisfied by one of the following:

- Completion with a grade of “D” or better in the following at **SJVC**:
 - **English 121 & 122**
- Completion with a grade of “C” or better in a course equivalent to English 121&122 from a regionally accredited College or University.

Math proficiency *must* be demonstrated by one of the following:

- Completion with a grade of “D” or better in the following at **SJVC**:
 - **Math 121 & 122**
- Completion with a grade of “C” or better in a course equivalent to Math 121 & 122 from a regionally accredited College or University.

Please note: Unless otherwise defined by program requirements, a grade of “D” in the above-referenced courses will satisfy proficiency in basic skills and is considered a passing grade. However, a student with a “D” in one or more of these courses must maintain a 2.0 *cumulative* GPA in order to remain in Satisfactory Academic Progress.

Career Services Seminar

This seminar concentrates on the job search preparation and process. Topics include services provided by the Career Services Department, resume writing, interview techniques, networking skills, portfolio presentation, and

workplace success. **Passing this seminar or equivalent is a graduation requirement.**

To keep pace with educational, technological or similar developments, **SJVC** reserves the right to change the requirements for graduation.

Changes may be applied to students already enrolled. For those cases, the College will specify an alternate plan of study, which must be completed in lieu of the original requirements.



¹⁵ Program-specific graduation requirements are listed in the Program Descriptions.