



SAN JOAQUIN VALLEY COLLEGE

CATALOG

Effective January 1 – December 31, 2015



LETTER FROM THE PRESIDENT AND CEO

Dear Future Graduates:

Welcome to *San Joaquin Valley College (SJVC)*! We are honored that you have chosen to pursue your education at *SJVC* and we commend you for taking the first step towards embracing the educational, professional, and personal goals you have set for yourself. Please be assured that we have the utmost confidence in your ability to reach your fullest potential and achieve your dreams and aspirations.

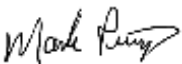
SJVC takes great pride in the high standards of instruction and the superior services we deliver to our students. Our faculty and administrative staff are committed to providing you with an excellent educational experience that we believe will build your self-confidence and develop your individual potential.

We can say with great confidence that in the thirty-seven years since *SJVC* first began, our founding principle has not changed: An unwavering commitment to our students and their success. That we began with three Medical Assisting students in space rented month-to-month, does not change the point of that beginning: Whether three students or more than the 5,400 currently being nurtured at our thirteen campuses, our success is still measured by their success.

As such, we commit to partner with you in your educational and professional endeavors and to make every effort to assist you in achieving your goals and aspirations. In turn, we urge you to aim high, commit yourself to giving the time and effort required to learn, and to diligently persevere through the many challenges that you may face during this process. Please be assured that students have achieved their goals, regardless of their educational background, skill level, ethnicity, or life experience. We hope your time with us will be life-changing and will develop your talents and potential to the fullest. May it give you self-confidence and purpose beyond measure.

We look forward with you in anticipation of your graduation and your preparedness to pursue employment in a specific career field. We hope that your experience with *SJVC* will result in a desire to embrace life-long learning and to play an active role in community events. Please commit to joining the rank of the numerous *SJVC* graduates that have achieved their goals and dreams.

Sincerely,



Mark A. Perry
President



Michael D. Perry
Chief Executive Officer



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Visit us on the World-Wide Web at www.sjvc.edu

RIGHT TO CHANGE REQUIREMENTS

This catalog and its contents are subject to change without notice, as *SJVC* deems necessary and appropriate. Therefore, this catalog and the descriptions contained herein are not to be construed as a contract binding *SJVC* to any specific policies.

Students will normally follow certificate or degree requirements in effect at the time of admission. However, a student who changes educational programs or fails to maintain continuous enrollment may be required to follow the catalog and student handbook in effect at the time of the change. Furthermore, requirements of government agencies, accreditation agencies, and other regulatory bodies may influence a student’s certificate or degree requirements. Possible changes include, but are not limited to, graduation requirements, admissions requirements, tuition, fees, curricula, and course content. Changes will be reflected in the annual publication of the catalog. Significant changes that occur between catalog publications will be published in a supplement.

SECTION 1

INTRODUCTION TO SAN JOAQUIN VALLEY COLLEGE

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THE HISTORY OF SAN JOAQUIN VALLEY COLLEGE



San Joaquin Valley College founders
Robert & Shirley Perry

San Joaquin Valley College (SJVC) was founded in April 1977 as a private, for profit, Career College dedicated to providing high quality occupational training. Founders Robert and Shirley Perry established the first campus in Visalia, California, training health care professionals. Today, the College offers Associate of Science Degrees and Certificates of Completion in the areas of medical,

business, and technology at its campuses in Bakersfield, Fresno, Hanford, Hesperia, Lancaster, Modesto, Rancho Cordova, Ontario, San Diego, Temecula, Madera, Visalia, and the Aviation Campus at the Fresno Yosemite International Airport. The College also offers several online education programs.

PHILOSOPHY/INSTITUTIONAL PURPOSE

SJVC is committed to the personal, academic, and professional success of its students. The College provides opportunities for developing career skills, critical thinking, professionalism, and an excellent learning experience for the classroom, workplace, and life. It incorporates hands-on, kinetically-inspired assignments and projects which are vital for the vocational-based program offerings. Instructors are expected to be facilitators of the classroom by engaging students in interpersonal, two-way dialogue. Individualized and personalized instruction is encouraged.

SJVC's mission strongly emphasizes education directed toward career development and advancement. Real world education is paramount. Therefore, a plethora of resources are available to faculty members to assist in the delivery of real work instruction, such as mock medical, technical, and business settings within the classrooms, industry-specific equipment, interactive software with true-to-life scenarios, and field trips to businesses and medical settings. Most programs also include an externship or clinical experience.

The College is also responsive to the needs of each community where one of its campuses exists. These communities provide an ideal setting for the medical, business, and technical programs of *SJVC*.

MISSION STATEMENT

SJVC prepares graduates for professional success in business, medical, and technical career fields. The College serves a diverse student population with a common interest in professional development through career-focused higher education. The College is committed to student development through the achievement of measurable learning outcomes, emphasizing a balance of hands-on training and academic instruction. The College identifies and responds to the educational and employment needs of the communities it serves. *The College is committed to the success of every student.*

Adopted by the Board of Governors, July 2008

CORE VALUES STATEMENT

As a premier leader in career-focused education, *SJVC* values an education and employment environment which promotes:

Success – The College Community is committed to the personal, academic, and professional success of its students, employees, and graduates by providing high-quality education programs, instruction, professional development opportunities, support services, and guidance.

Integrity – The College Community expects personal and professional integrity in the fulfillment of its mission.

Excellence – The College Community sets excellence as a standard in all areas of operation.

Diversity – The College Community celebrates and embraces diversity; emphasizing inclusion and open dialogue.

Community Involvement – The College Community encourages and supports student and employee involvement in their respective communities to mutually enhance civic, personal, and intellectual development.

Lifelong Learning – The College Community fosters an environment where students and employees actively pursue lifelong learning.

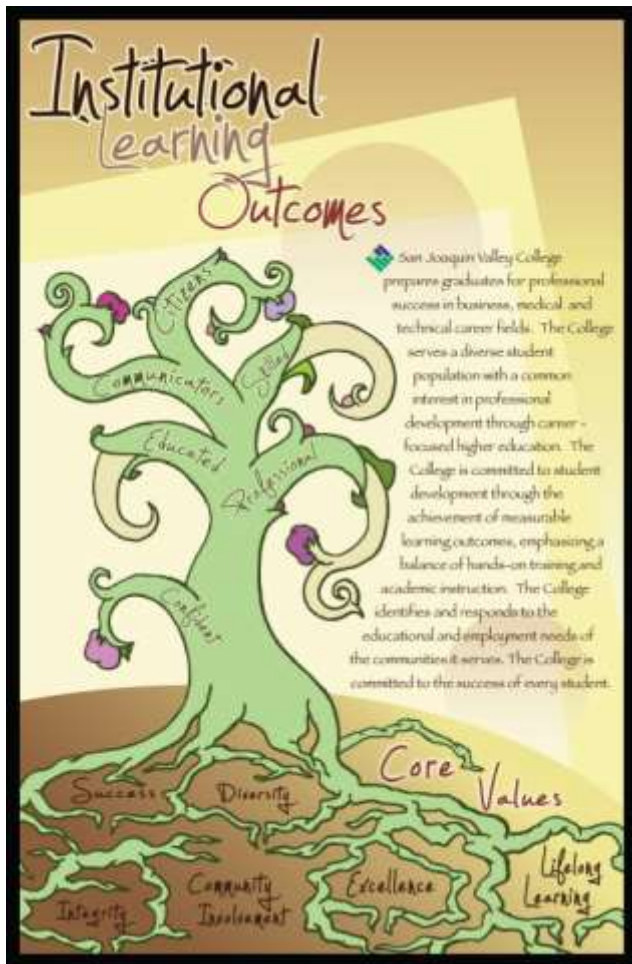
Adopted by the Board of Directors, September 2009



The first SJVC Campus in Visalia, CA

INSTITUTIONAL LEARNING OUTCOMES/UNDERLYING PROGRAM OBJECTIVES

Upon completion of any and all programs at *SJVC*, graduates will be:
**Professional, Confident, Skilled, Educated, Communicators,
and Citizens**



When students successfully meet the ILOs they will characterize the following attributes:

Professional

- Critical thinkers
- Lifelong learners
- Solid work ethic
- Organization & time management skills
- Accountable and responsible
- Courteous and conscientious
- Aligned with standards of the profession
- Self-disciplined
- Integrity

Confident

- Sense of Purpose
- Role models for our families
- Persistent
- Goal-directed
- Taking Initiative
- Leaders
- Self-assured
- Self-reliant
- Successful

Skilled

- Hands-on practice
- Career-specific training
- Immediately employable
- Technology training
- On-the-job experience
- Learning the skill of learning

Educated

- Well-rounded
- Lifelong learners who continue to grow personally and professionally
- Effective time managers
- Problem solvers
- Decision makers
- Organized
- Degree or certificate holders

Communicators

- Effective writing skills
- Practicing good verbal communication
- Respecting and projecting diversity
- Collaborating with peers
- Interviewing skills
- Customer Service Skills
- Building teamwork

Citizens

- Compassionate
- Committed to the helping professions
- Building relationships
- Giving back to the community
- Ethical
- Dependable
- Responsible
- Appreciative of others and diversity

SERVICE OUTCOMES

Upon interaction with student and employee services, participants will be able to:

- Express opinions and feedback of services
- Retrieve information about services from a variety of sources
- Access resources easily
- Utilize services for personal success
- Confirm satisfaction of high quality and timely service

ASSESSMENT STATEMENT

Philosophy: Assessment is an ongoing process which ensures the entire organization continually evaluates and reflects upon contributions to the development of a qualified career candidate.

Purpose: The assessment process is used to continually guide, analyze, and improve student learning, resource allocation and support services to align the organization with the *SJVC* mission statement.

Principle: Assessment is student focused, faculty- and staff-driven, outcome-based, and follows the six-step cycle of continuous quality improvement.

- Define and refine learning/service outcomes
- Plan and provide learning and service opportunities
- Assess outcomes using a variety of methods
- Collect and analyze assessment data results
- Make institutional improvements based on assessment data results
- Close the loop: re-evaluate

GOVERNANCE AND ADMINISTRATION

SJVC operates under a shared governance structure comprised of the Board of Governors, Board of Directors, Senior Management, Executive Council, and Campus Administration.

Joint responsibility, authority, and decision making are accomplished through the collaboration of managers, faculty, staff, and students. All constituencies work together to plan for the future and develop policies, regulations, and recommendations which guide the College. Broad participation from all segments of the College community is both encouraged and expected in the governance structure.

A listing of administrators and faculty is provided in **Section 9**.

ACCREDITATION

Institutional Accreditation

SJVC is regionally accredited by The Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges (ACCJC/WASC), which is an institutional accrediting body recognized by the Council for Higher Education Accreditation and the U.S. Department of Education. ACCJC may be contacted at:

10 Commercial Boulevard, Suite 204
Novato, California 94949.
(415) 506-0234

Additional information about accreditation, including the filing of complaints against member institutions, can be found at: www.accjc.org.

Questions or requests to review documents pertaining to accreditation should be directed to:

Crystal G. VanderTuig, Accreditation Liaison Officer
San Joaquin Valley College
3828 West Caldwell Avenue, Visalia, CA 93277
(559) 734-9000
Crystal.VanderTuig@sjvc.edu

PROGRAMMATIC APPROVALS

Program	Accrediting Entity	Approval/Licensure/Certification	Contact Information
Aviation Maintenance Technology	Federal Aviation Administration, US Department of Transportation	Airframe and Powerplant (A&P) [National Certification]	Flight Standards District Office 4955 E. Andersen Ave., Ste. 110 Fresno, CA 93727 (559) 454-0286 http://www.faa.gov
Criminal Justice: Corrections	<ol style="list-style-type: none"> California Commission on Peace Officer Standards and Training (POST) Board of State and Community Corrections (BSCC)/Standards and Training for Corrections (STC) Bureau of Security and Investigative Service (BSIS) 	<ol style="list-style-type: none"> PC 832 Certification (Firearms and Laws of Arrest) Adult Corrections Officer Core Course Certificate of Completion (Academy) Security Guard Card Training Certification and Exposed Firearm Certification of Completion 	<ol style="list-style-type: none"> California POST 1601 Alhambra Blvd. Sacramento, CA 95816-7083 (916) 227-3909 http://www.post.ca.gov Board of State and Community Corrections 600 Bercut Drive Sacramento, CA 95811 (916) 445-5073 http://www.bscc.ca.gov/s_standardsandtrainingforcorrections.php Bureau of Security and Investigative Service PO Box 980550 West Sacramento, CA 980550 (916) 322-4000 or (800) 952-5210 http://www.bsis.ca.gov
Dental Assisting	Department of Consumer Affairs, Dental Board of California (DBC)	Registered Dental Assistant (RDA) [State Registered License]	Dental Board of California 2005 Evergreen Street, Suite 1550 Sacramento, CA 95815 (916) 263-2300 http://www.dbc.ca.gov
Dental Hygiene	The American Dental Association's Commission on Dental Accreditation (CODA) ¹	Registered Dental Hygienist (RDH) [State Registered License]	Commission on Dental Accreditation 211 East Chicago Ave. Chicago, IL 60611-2678 (312) 440-2500 http://www.ada.org/117.aspx
Emergency Services and Safety Management	<ol style="list-style-type: none"> California Commission on Peace Officer Standards and Training (POST) Bureau of Security and Investigative Service (BSIS) National Registry of Emergency Medical Technicians (NREMT) 	<ol style="list-style-type: none"> PC 832 Certification (Firearms and Laws of Arrest) Security Guard Card Training Certification and Exposed Firearm Certification of Completion Emergency Medical Technician (EMT certification) 	<ol style="list-style-type: none"> California POST 1601 Alhambra Blvd. Sacramento, CA 95816-7083 (916) 227-3909 http://www.post.ca.gov Bureau of Security and Investigative Service PO Box 980550 West Sacramento, CA 980550 (916) 322-4000 or (800) 952-5210 http://www.bsis.ca.gov National Registry of Emergency Medical Technicians Rocco V. Morando Building, 6610 Busch Blvd. PO Box 29233 Columbus, Ohio 43229 (614) 888-4484 http://www.nremt.org

Program	Accrediting Entity	Approval/Licensure/Certification	Contact Information
Physician Assistant	Accreditation Review Commission on Education for the Physician Assistant (ARC-PA) ²	Physician Assistant Certification (PA-C) [National Certification] Physician Assistant License [State Licensure]	Accreditation Review Commission on Education for the Physician Assistant 12000 Findley Road, Ste. 150 Johns Creek, GA 30097 (770) 476-1224 http://www.arc-pa.org
Registered Nursing	California Board of Registered Nursing (BRN)	Registered Nurse (RN) [State Registered License]	Board of Registered Nursing 1747 North Market Blvd., Suite 150 Sacramento, CA 95834 (916) 322-3350 http://www.rn.ca.gov
Respiratory Therapy	Commission on Accreditation for Respiratory Care (CoARC) ³	Certified Respiratory Therapist (CRT)[National Entry-Level Certification] Registered Respiratory Therapist (RRT) [National Advanced-Level Registration] California Licensed Respiratory Care Practitioner (RCP) [State License]	Commission on Accreditation for Respiratory Care 1248 Harwood Rd. Bedford, TX 76021-4244 (817) 283-2835 http://www.coarc.com
Surgical Technology	On the basis of compliance with the Standards and recommendation of the Accreditation Review Council on education in Surgical Technology and Surgical Assisting (ARC/STSA), accreditation is granted by the Commission on Accreditation of Allied Health Education Programs (CAAHEP)	Certified Surgical Technologist (CST) [National Certifying Exam] The National Board of Surgical Technology and Surgical Assisting (NBSTSA, http://nbtsa.org) is the sole qualifying organization to the exam	ARC-STSA 6 W. Dry Creek Circle, Suite #110 Littleton, CO 80120 (303) 694 9262 http://arcst.org CAAHEP 1361 Park Street Clearwater, FL 33756 (727) 210 2350 http://www.caahep.org
Veterinary Technology	Committee on Veterinary Technician Education and Activities (CVTEA), American Veterinary Medical Association ¹	Registered Veterinary Technician (RVT) [State License]	CVTEA-AVMA 1931 N Meacham Rd., Suite 100 Schaumburg, IL 60173-4360 (847) 925-8070 or (800) 248-2862 http://www.avma.org
Vocational Nursing	Board of Vocational Nursing and Psychiatric Technicians (BVNPT)	Licensed Vocational Nurse (LVN) [State License]	BVNPT 2535 Capital Oaks Dr., Ste. 205 Sacramento, CA 95833 (916) 263-7800 http://www.bvnpt.ca.gov

¹An accrediting agency recognized by the United States Department of Education.

²At its March 2014 meeting, the Accreditation Review Commission on Education for the Physician Assistant (ARC-PA) placed the *SJVC* Physician Assistant program sponsored by *SJVC* on **Accreditation-Probation** status until no later than September 30, 2015 at which time the sponsoring institution will voluntarily withdraw from the accreditation process.

The institution and program have agreed to teach-out the currently enrolled students in accordance and compliance with the educational *Standards* for accredited programs. Should the program not comply with the *Standards*, thereby failing to provide an acceptable educational experience for its students, it is subject to having the accreditation status withdrawn.

Specific questions regarding the program and its plans should be directed to the Program Director and/or the appropriate institutional official(s).

³Programs at the Bakersfield, Ontario, Rancho Cordova and Visalia campus have 'Continuing Accreditation' status. The program at the Temecula Campus has 'Provisional Accreditation'; graduates from this program are considered graduates of an approved program and are eligible for all Respiratory Care credentialing examinations.

NOTE: Pursuant to 20 U.S.C. §1092(a) (1) (2), institutions must allow prospective and current students to review documents describing accreditation, approval, or licensing. A request to review records pursuant to this section, must be submitted in writing and clearly identify

the requested record(s). Within ten (10) business days of receipt of the request, the College will notify the requesting party of the date, time and location where the requested record(s) may be inspected.

BANKRUPTCY

SJVC does **NOT** have a pending petition in bankruptcy, is **NOT** operating as a debtor in possession, has **NOT** filed a petition with the preceding five years, or has **NOT** had a petition in bankruptcy filed against it within the preceding five years that resulted in reorganization under Chapter 11 of the United States Bankruptcy Code (U.S.C. §1101 et seq.)

STATE APPROVALS

California

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

Any questions that a student may have regarding this catalog that have not been satisfactorily answered by the institution may be directed to the Bureau for Private Postsecondary Education at:

Mailing Address

P.O. Box 980818
West Sacramento, CA 95798-0818

Physical Address

2535 Capitol Oaks Drive, Suite 400
Sacramento, CA 95833

Telephone Numbers: (888) 370-7589 or (916) 431-6959

Fax Number: (916) 263-1897

Website: www.bppe.ca.gov

Washington

SJVC is authorized by the Washington Higher Education Coordinating Board (HECB) and meets the requirements and minimum educational standards established for degree-granting institutions under the Degree-Granting Institutions Act. This authorization is subject to periodic review and authorizes *SJVC* to offer field placements within the following degree program: Associate of Science in Clinical Medical Assisting. Authorization by the HECB does not carry with it an endorsement by the board of the institution or its programs. Any person desiring information about the requirements of the act or the applicability of those requirements to the institution may contact the HECB at P.O. Box 43430, Olympia, WA 98504-3430.



SJVC LOCATIONS AND PROGRAM OFFERINGS



Bakersfield Campus

201 New Stine Road
Bakersfield, California 93309
Phone: (661) 834-0126

The Bakersfield Campus was founded in 1982. Located in the Southern San Joaquin Valley, this campus serves students and employers in all neighboring communities between Visalia and Santa Clarita. The following programs are offered at the Bakersfield Campus:

Associate of Science Degree

Business Administration
Clinical and Administrative Medical Assisting
Criminal Justice: Corrections
Diagnostic Medical Sonography
Emergency Services and Safety Management
HVAC-R Technology
Industrial Technology (Industrial Maintenance Technology)
Medical Billing Specialist
Pharmacy Technology
Respiratory Therapy
Surgical Technology
Therapeutic Massage

Certificate of Completion

Clinical Medical Assisting
Dental Assisting
Diagnostic Medical Sonography
Industrial Technology (Industrial Maintenance Technology)
Therapeutic Massage



Fresno Campus

295 East Sierra Avenue
Fresno, California 93710
Phone: (559) 448-8282

The Fresno Campus was founded in 1985. Located in the heart of the San Joaquin Valley, this campus serves students and employers in all neighboring communities between Madera and Visalia. The following programs are offered at the Fresno Campus:

Associate of Science Degree

Business Administration
Clinical and Administrative Medical Assisting
Criminal Justice: Corrections
HVAC-R Technology
Medical Billing Specialist
Pharmacy Technology
Surgical Technology
Veterinary Technology

Certificate of Completion

Clinical Medical Assisting
Dental Assisting
Industrial Technology (Industrial Maintenance Technology)



Fresno Aviation Campus

4985 East Andersen Avenue
Fresno, California 93727
Phone: (559) 453-0123

The Fresno Aviation Campus was founded in 1991. Located in the heart of the San Joaquin Valley, this specialized aviation campus serves students and employers in the aviation maintenance industry throughout the Western United States.

The Fresno Aviation Campus offers an **Associate of Science Degree** program in Aviation Maintenance Technology.



Hanford Campus

215 West 7th Street
Hanford, California 93230
Phone: (559) 584-8840

Originally an extension of the Visalia Campus, this site was established in July of 2004 to better serve the educational needs of students and employers in Kings and Tulare counties. The site is

now a full-fledged *SJVC* branch campus and offers the following programs:

Associate of Science Degree

Business Administration
Clinical and Administrative Medical Assisting
Criminal Justice: Corrections
Medical Billing Specialist

Certificate of Completion

Business Administration
Clinical Medical Assisting
Medical Office Administration



Lancaster Campus

42135 10th Street West
Lancaster, CA 93534
Phone: (661) 974-8282

The Lancaster Campus was founded in October of 2012. Located in the Lancaster-Palmdale area, this campus serves students and employers in the Antelope Valley. The following programs are offered at the Lancaster Campus:

Associate of Science Degree

Business Administration
Clinical and Administrative Medical Assisting
Criminal Justice: Corrections
HVAC-R Technology
Industrial Technology (Industrial Maintenance Technology)
Medical Billing Specialist
Pharmacy Technology

Certificate of Completion

Business Administration
Clinical Medical Assisting
Industrial Technology (Industrial Maintenance Technology)
Medical Office Administration
Pharmacy Technology



Hesperia Campus

9331 Mariposa Road
Hesperia, California 92344
Phone: (760) 948-1947

The Hesperia Campus was founded in 2009. Located in the High Desert community of Victor Valley, this campus serves students and employers in the cities of Hesperia, Adelanto, Victorville, and Apple Valley. The following programs are offered at the Hesperia Campus:

Associate of Science Degree

Business Administration
Clinical and Administrative Medical Assisting
Criminal Justice: Corrections
HVAC-R Technology
Industrial Technology (Industrial Maintenance Technology)
Medical Billing Specialist
Pharmacy Technology

Certificate of Completion

Business Administration
Clinical Medical Assisting
Industrial Technology (Industrial Maintenance Technology)
Medical Office Administration
Pharmacy Technology



Madera Campus

2185-J West Cleveland Avenue
Madera, CA 93637
Phone: (559) 302-1134

The Madera Campus was founded in June of 2014, and serves students and employers in all communities north to Modesto and south to Fresno. The following programs are offered at the Madera Campus:

Certificate of Completion

Business Administration
Clinical Medical Assisting
Medical Office Administration



Modesto Campus

5380 Pirrone Road
Salida, California 95368
Phone: (209) 543-8800

The Modesto Campus was founded in September of 2004. Located in the northern San Joaquin Valley, this campus serves students and employers in all neighboring communities between Merced and Stockton. The following programs are offered at the Modesto Campus:

Associate of Science Degree

Business Administration
Clinical and Administrative Medical Assisting
Criminal Justice: Corrections
Industrial Technology (Industrial Maintenance Technology)
Medical Billing Specialist
Pharmacy Technology
Therapeutic Massage

Certificate of Completion

Business Administration
Clinical Medical Assisting
Industrial Technology (Industrial Maintenance Technology)
Medical Office Administration
Therapeutic Massage



Ontario Campus

4580 Ontario Mills Parkway
Ontario, CA 91764
Phone: (909) 948-7582

The Ontario Campus, formerly known as the Rancho Cucamonga Campus, was founded in 2001. Located in the heart of the Inland Empire, this campus serves students and employers in all neighboring communities between San Bernardino and Pomona. The following programs are offered at the Ontario Campus:

Associate of Science Degree

Business Administration
Clinical and Administrative Medical Assisting
Construction Management
Criminal Justice: Corrections
Dental Hygiene
HVAC-R Technology
Industrial Technology (Industrial Maintenance Technology)
Medical Billing Specialist
Pharmacy Technology
Respiratory Therapy

Certificate of Completion

Business Administration
Clinical Medical Assisting
Industrial Technology (Industrial Maintenance Technology)
Medical Office Administration
Pharmacy Technology



Rancho Cordova Campus

11050 Olson Drive, Suite 210
Rancho Cordova, California 95670
Phone: (916) 638-7582

The Rancho Cordova Campus was founded in June of 2005. Located in Northern California, this campus serves students and employers in all neighboring communities in and around Sacramento. The Rancho Cordova Campus offers an **Associate of Science Degree** program in Respiratory Therapy.



San Diego Campus

333 H Street, Suite 1065
Chula Vista, CA 91910
Phone: (619) 426-7582

The San Diego Campus, located in Chula Vista, serves students and employers in the greater San Diego area. The campus was founded in July of 2012 and offers an **Associate of Science Degree** program in Dental Hygiene.



Temecula Campus

27270 Madison Avenue, Suite 103

Temecula, CA 92590

Phone: (951) 296-6015

The Temecula Campus was founded in July of 2011. Located in the southwestern region of the Inland Empire, this campus serves students and employers in the cities of Temecula, Lake Elsinore, Wildomar, Canyon Lake, and Sun City. The following programs are offered at the Temecula Campus:

Associate of Science Degree

Business Administration
Clinical and Administrative Medical Assisting
HVAC-R Technology
Medical Billing Specialist
Pharmacy Technology
Respiratory Therapy

Certificate of Completion

Business Administration
Clinical Medical Assisting
Dental Assisting
Medical Office Administration
Pharmacy Technology



Visalia Campus

8344 West Mineral King

Visalia, California 93291

Phone: (559) 651-2500

The Visalia Campus was founded in 1977. Located in the heart of the San Joaquin Valley, this campus serves students and employers in all neighboring communities between Fresno and Bakersfield. The following programs are offered at the Visalia Campus:

Associate of Science Degree

Business Administration
Clinical and Administrative Medical Assisting
Computer System Administration
Criminal Justice: Corrections

Dental Hygiene
HVAC-R Technology
Human Resource Administration
Medical Billing Specialist
Pharmacy Technology
Physician Assistant
Registered Nursing / LVN to RN
Respiratory Therapy
Vocational Nursing

Certificate of Completion

Clinical Medical Assisting
Dental Assisting
Industrial Technology (Industrial Maintenance Technology)

Online Division

http://www.sjvc.edu/campus/SJVC_Online/

Phone: (877) FOR-SJVC

The Online Division was established in 2001 in order to better serve the educational needs of students and employers outside the geographical areas served by the on-ground campuses. The Online Division provides instruction to students in all 50 U.S. states, Puerto Rico, and the Virgin Islands. The following programs are offered through the Online Division:

Associate of Science Degree

Business Administration
Clinical and Administrative Medical Assisting
Clinical Medical Assisting
Construction Management
Degree Completion
Human Resource Administration
Information Technology (effective March 23, 2015)
Medical Billing and Coding (effective March 23, 2015)
Medical Billing Specialist

Certificate of Completion

Business Administration
Clinical Medical Assisting
Human Resource Administration
Information Technology (effective March 23, 2015)
Medical Billing and Coding (effective March 23, 2015)
Medical Office Administration



Central Administrative Office

3828 West Caldwell Avenue

Visalia, California 93277

Phone: (559) 734-9000

www.sjvc.edu

The Central Administrative Office (CAO) provides technical and administrative oversight, direction, and support to all of the *SJVC* campuses.

PROGRAM REVISION AND CANCELLATION

A program can be cancelled up to five (5) calendar days after the program start date. The College reserves the right to schedule subjects in the order it deems necessary and to make appropriate and reasonable changes in curriculum. The College reserves the right to delivery instruction off-site in a facility within 25 miles of the home campus that meets the instructional needs of the program or course.

TYPES OF INSTRUCTION/COURSE DELIVERY

All *SJVC* courses include online content and resources. Some courses required for graduation may be delivered wholly online. *SJVC* will provide students with on-ground campus access to required technical resources for participation in online courses as needed.

On-Ground Courses

On-Ground courses are offered on campus during academic sessions scheduled throughout the year. School is open and each class starts with a ten-minute break to prepare for class. Session length and the number of meetings per week may vary by program.

Online Courses

Distance learning is a mode of education in which instruction occurs



when there is a geographical distance between the teacher and the student. Students in distance learning classes do not need to come to campus each week but learn from and communicate with their instructors using a variety of technologies.

Online programs have the same student learning outcomes, general topics, and credit load as the corresponding on-ground version of the programs. Online programs are offered for differing session lengths depending upon the program. Students interested in *SJVC's* online programs should check the website for the most current offerings:

http://sjvc.edu/campus/SJVC_Online/

To be eligible for participation in an online program, students must have access to a personal computer and internet connection which meets the minimum requirements of the College (for more information, please visit the following website:

http://www.sjvc.edu/pages/Online_Technical_Requirements/

Blended Courses

A blended course combines online and on-ground delivery. Some proportion of the course content is delivered online and typically uses online discussions and has a reduced number of on-ground sessions.

Hybrid Program

A hybrid program is one that includes a combination of courses delivered fully online and courses delivered on-ground. A substantial portion of the total program content is delivered online and the overall program typically has a reduced number of on-ground sessions.

REQUIRED FEDERAL DISCLOSURE INFORMATION

For information on graduation rates, median debt of graduates completing programs, and other important institutional information, visit

<http://www.sjvc.edu/consumer-information>

COLLEGE CATALOG AND SCHOOL PERFORMANCE FACT SHEET

As a prospective student, you are encouraged to review this catalog prior to signing an enrollment agreement. You are also encouraged to review the School Performance Fact Sheet, which must be provided to you prior to signing an enrollment agreement. These documents contain important policies and performance data for the institution.

SECTION 2

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ABILITY TO BENEFIT

"Ability to benefit" is defined as the demonstrated aptitude to successfully complete the educational program and subsequently be employed. The College has determined that 'ability to benefit' is demonstrated by achievement of high school graduation, achievement of a GED or its equivalent and as such does not accept applicants who lack these credentials.

ADMISSION PROCEDURES AND REQUIREMENTS

The Admissions Department is dedicated to assisting prospective students in selecting programs that best suit their needs and qualifications. In order to ensure that prospective students are a good match for their selected program of interest, *SJVC* has established the following admission procedures and requirements:

- Applicants must possess a high school diploma or the equivalent.
- Applicants must participate in an interview with an admissions advisor.
- Applicants to on-ground programs must participate in an admissions assessment. The assessment instrument(s) and process varies by program. The purpose of the assessment is to evaluate the cognitive ability of prospective students. Each program has a required minimum entry score. The Admissions Department utilizes the results from the assessment(s) to select prospective students who have the best opportunity to achieve success in their chosen program.

Some programs have additional entrance procedures and requirements which may be found in the Admission Requirements statement listed for each program that appears in this catalog.

- Applicants must meet with either the Enrollment Services Director or a campus manager or their designee for an acceptance interview. In addition to this acceptance interview, applicants may be required to meet with the Director of their selected program.
- Applicants must meet with the Financial Services Department to confirm arrangements to meet tuition obligations.
- Upon completion of the above, the applicant will sign an Enrollment Agreement which sets forth specific information such as start and graduation dates, tuition information, academic schedule, etc.

Programs leading to occupations requiring licensure may have licensing requirements that prohibit enrollment of applicants with relevant past criminal convictions.

No person will be denied admission, graduation, or other rights and privileges on the basis of pregnancy, childbirth or related medical conditions, race, religious creed, color, gender, national origin or ancestry, sex, physical or mental disability, medical condition (including genetic characteristics), marital status, registered domestic partner status, age (for persons 40 and older), veteran status, sexual orientation, gender identification, or any other basis protected by federal, state or local law, ordinance, or regulation.

LANGUAGE PROFICIENCY

Students are required to have proficiency in the English language as documented in the admissions process:

- Conversational proficiency: interview
- Written proficiency: application essay
- Reading comprehension: assessment instrument

All enrollment related documents, including the Enrollment Agreement and the School Performance Fact Sheet, are printed in English. If English is not your primary language, you have the right to retain an interpreter at your own cost to obtain a clear explanation of the terms and conditions of the Enrollment Agreement, including the cancellation and refund policies, and other enrollment related documents, in your primary language

RIGHT TO CANCEL

New students have the right to cancel the enrollment agreement and obtain a refund of charges paid through attendance at the first class session, or the seventh day after enrollment, whichever is later.

Cancellation shall occur when the student gives written notice of cancellation at the address of the College shown on top of the front page of the enrollment agreement. Students can submit this written notice by mail, hand delivery, or email. The written notice of cancellation need not take any particular form and, however expressed, it is effective if it shows that the student no longer wishes to be bound by the enrollment agreement.

If the student cancels the enrollment agreement, the College will not charge institutional charges; however, the College retains the nonrefundable application fee and may charge for equipment not returned in a timely manner in good condition.

INTERNATIONAL STUDENTS (VISA SERVICES)

SJVC is approved to issue F-1 and M-1 Visas to qualified international students. Students holding J or H Visas may also be eligible to attend as an international student. The following items are required from international applicants:

- A TOEFL score of at least 500, paper-based; 61, internet based; or 173, computer based.
- Certified Statement regarding Financial Support.
- Transcripts from high school and/or college attended.
- Verification of good health.
- Purchase of medical insurance to cover the school year.
- Proof of International J or H Visa status, if applicable.

There is no charge for issuing a visa.

EVALUATION OF PRIOR CREDIT

Credits Earned at Regionally Accredited Institutions

SJVC may accept prior credit earned for coursework completed at other regionally accredited institutions to be applied towards a program. The following terms and conditions apply:

- Credit for prior academic or general studies coursework must be accepted for transfer to *SJVC* at the time of registration for the applicable academic year.
- Students who intend to transfer in previously earned credit must notify the Registrar's Office.
- Students must provide official transcripts from the institution where the previous credit was earned. The Registrar's Office will evaluate the prior credit and make a determination as to whether credit will be awarded.
- Credits transferred in to specifically fulfill *SJVC*'s requirements must be graded 2.0 ("C") or higher.
- Some science courses require completion within the past seven (7) years in order to be considered for prior course credit.
- Students may transfer no more than a maximum of 50% of the total units required in the major or program.
- Course credit assessment must be completed prior to the academic year in which the student is scheduled to take the applicable course(s).

A tuition credit of \$75.00 per accepted academic unit will be credited to the student account. All transcripts submitted become the property of *SJVC* and cannot be returned to students or forwarded to other institutions.

Credits Earned at Military Schools

Students may be granted appropriate credit for degree programs or specific coursework completed while on active duty in the armed forces. A military transcript must be provided to the Registrar for evaluation. The Registrar will make the determination on whether or not credit will be granted. Military transcripts may be ordered from the following website: www.military.com.

Credits Earned in Foreign Institutions

Students who have completed coursework in foreign institutions must have their transcripts evaluated by a foreign evaluation service in order to have that coursework considered for academic credit towards an Associate of Science degree. Upon completion of this process, the evaluation report must be sent directly to the Registrar's Office. The Registrar will evaluate the report and make a determination on whether credit will be awarded.

Credits Earned by Examinations and Advanced Placement Courses

SJVC accepts credits for specific general education courses from the following testing sources:

- AP (Advanced Placement Program of the College Board)
- CLEP (College Level Examination Program)
- DSST (DANTES Subject Standardized Test)
- EXCELSIOR COLLEGE EXAMINATIONS (formerly Regents or ACT/PEP)

Please contact the Registrar for further information.

Credit Earned through Course Challenge

Students may earn general education course credit in the areas of math, English, and some program pre-requisite courses through successful course challenge. To challenge a course, students are required to take an examination which tests their knowledge of the

objectives and learning outcomes covered in the particular course. Students who successfully pass the examination will be granted the appropriate academic credit. Students must complete this process prior to the first scheduled start date of the applicable course. No tuition credit will be given to students who successfully pass the examination. Contact the Academic Dean for further information.

Credit Earned for Experiential Learning

SJVC does not grant credit or allow course challenge for experiential learning or previous experience.

Credit Earned at *SJVC* under a Certificate Program

Credits earned in certificate programs after July 2004 are eligible for block transfer to degree programs.

CRIMINAL BACKGROUND CHECKS

As part of its responsibility to provide a safe learning environment, *SJVC* reserves the right to conduct criminal background checks on applicants for admission and current students.

SJVC has several reasons for this requirement. First and foremost, *SJVC* has an interest in evaluating the character, maturity, and responsibility of its students. Second, *SJVC* can better academically advise students of difficulties that may arise in the course of the student's efforts to obtain externship and clinical placements, professional licensure, and/or other job placement. Certain extern and clinical sites and professional licensing boards are required by law and/or policy to exclude people with certain convictions.

This does not necessarily mean that *SJVC* will deny admission to, or expel a student from the College. *SJVC* will evaluate each case on its facts. Generally speaking, *SJVC* will look at the rational relationship between the nature, severity, and recentness of the crime; *SJVC*'s interests and needs; and the responsibility and repentance of the person convicted in determining whether to take action.

SJVC expects each applicant and/or student to provide *SJVC* with truthful, accurate, and complete information about his/her convictions. This includes a continuing duty to notify *SJVC* of any arrests or convictions during the time that the student is enrolled at *SJVC*. Failure to comply with this policy may result in immediate denial of admission or suspension and/or expulsion from *SJVC*.

ACADEMIC CALENDAR

Classes are offered continuously throughout the year at *SJVC*. All educational programs have frequent points of enrollment. The majority of *SJVC*'s programs operate on a five week start date cycle. The programs that operate on this cycle allow for student enrollment every five weeks. The five week start dates for the 2015 academic year are published below.

Please note that some of these programs have closed start dates within the calendar years reflected below. A closed start date essentially means that no new students will be allowed to start these programs on those dates. For further information, please contact the Admissions Office.

START DATES

01/12/2015
02/17/2015

03/23/2015
04/27/2015
06/01/2015
07/06/2015
08/10/2015
09/14/2015
10/19/2015
11/23/2015

The following programs are linear which means that students must complete each term in sequence. Linear programs do not operate on a five week start date cycle. The start dates for each of these programs for the 2015 academic year are:

AVIATION MAINTENANCE TECHNOLOGY

Aviation-Fresno Campus

01/21/2015
03/23/2015
05/19/2015
07/16/2015
09/15/2015
11/12/2015

DENTAL HYGIENE

Ontario Campus

02/02/2015
09/28/2015

San Diego Campus

04/06/2015
11/30/2015

Visalia Campus

06/01/2015

DIAGNOSTIC MEDICAL SONOGRAPHY

Bakersfield Campus

03/06/2015
05/29/2015
08/21/2015
11/13/2015

LICENSED VOCATIONAL NURSING TO REGISTERED NURSING

Visalia Campus

01/07/2015

(30-unit certificate program)

02/11/2015

REGISTERED NURSING

Visalia Campus

03/31/2015

RESPIRATORY THERAPY

Bakersfield and Visalia Campuses

01/12/2015

06/01/2015

10/19/2015

Rancho Cordova and Ontario Campuses

03/23/2015

08/10/2015

Temecula Campus

01/12/2015

06/01/2015

SURGICAL TECHNOLOGY

Bakersfield and Fresno Campuses

07/20/2015

VETERINARY TECHNOLOGY

Fresno Campus

02/17/2015

06/01/2015

07/06/2015

09/14/2015

VOCATIONAL NURSING

Visalia Campus

06/29/2015

2015 HOLIDAY OBSERVATIONS

January 1 – 4, 2015	New Year's Day
January 19, 2015	Martin Luther King Day
February 16, 2015	President's Day
April 3, 2015 (12 p.m.)	Good Friday
May 25, 2015	Memorial Day
July 3, 2015	Independence Day observed
September 7, 2015	Labor Day
November 11, 2015	Veteran's Day
November 26-27, 2015	Thanksgiving
December 24-31, 2015	Winter Break



TUITION

The tuition for each program is listed below; on the College's portal website, *InfoZone* (available to enrolled students); and the sjvc.edu website.

<http://www.sjvc.edu/consumer-information>

AVIATION CAMPUS

Degree Programs

Aviation Maintenance Technology

AY 1	=	\$13,620.00
AY 2	=	\$13,620.00
AY 3	=	\$2,970.00
TOTAL	=	\$30,210.00

BAKERSFIELD CAMPUS

Degree Programs

Business Administration

Clinical & Admin Medical Assisting

Emergency Services & Safety Management

HVAC-R Technology

Industrial Technology (Industrial Maintenance Technology)

Medical Billing Specialist

Pharmacy Technology

AY 1	=	\$15,950.00
AY 2	=	\$14,800.00
TOTAL	=	\$30,750.00

Criminal Justice: Corrections

AY 1	=	\$15,995.00
AY 2	=	\$15,995.00
TOTAL	=	\$31,990.00

Diagnostic Medical Sonography

AY 1	=	\$20,250.00
AY 2	=	\$20,250.00
TOTAL	=	\$40,500.00

Respiratory Therapy

AY 1	=	\$20,375.00
AY 2	=	\$20,375.00
TOTAL	=	\$40,750.00

Surgical Technology

AY 1	=	\$16,375.00
AY 2	=	\$16,375.00
TOTAL	=	\$32,750.00

Certificate Programs

Dental Assisting

AY 1	=	\$18,600.00
TOTAL	=	\$18,600.00

Diagnostic Medical Sonography

AY 1	=	\$20,250.00
AY 2	=	\$20,250.00
TOTAL	=	\$40,500.00

Clinical Medical Assisting

Industrial Technology (Industrial Maintenance Technology)

AY 1	=	\$15,950.00
TOTAL	=	\$15,950.00

FRESNO CAMPUS

Degree Programs

Business Administration

Clinical & Admin Medical Assisting

HVAC-R Technology

Medical Billing Specialist

Pharmacy Technology

AY 1	=	\$15,950.00
AY 2	=	\$14,300.00
TOTAL	=	\$30,250.00

Criminal Justice: Corrections

AY 1	=	\$15,995.00
AY 2	=	\$15,995.00
TOTAL	=	\$31,990.00

Surgical Technology

Veterinary Technology

AY 1	=	\$16,375.00
AY 2	=	\$16,375.00
TOTAL	=	\$32,750.00

Certificate Programs

Clinical Medical Assisting

Industrial Technology (Industrial Maintenance Technology)

AY 1	=	\$15,950.00
TOTAL	=	\$15,950.00

Dental Assisting

AY 1	=	\$18,600.00
TOTAL	=	\$18,600.00

HANFORD CAMPUS

Degree Programs

Business Administration

Clinical & Admin Medical Assisting

Medical Billing Specialist

AY 1	=	\$15,950.00
AY 2	=	\$14,300.00
TOTAL	=	\$30,250.00

Criminal Justice: Corrections

AY 1	=	\$15,995.00
AY 2	=	\$15,995.00
TOTAL	=	\$31,990.00

Certificate Programs

Business Administration

Clinical Medical Assisting

Medical Office Administration

AY 1	=	\$15,950.00
TOTAL	=	\$15,950.00

HESPERIA CAMPUS

Degree Programs

Business Administration

Clinical & Admin Medical Assisting

HVAC-R Technology

Industrial Technology (Industrial

Maintenance Technology)

Medical Billing Specialist

Pharmacy Technology

AY 1	=	\$17,250.00
AY 2	=	\$15,700.00
TOTAL	=	\$32,950.00

Criminal Justice: Corrections

AY 1	=	\$17,375.00
AY 2	=	\$17,375.00
TOTAL	=	\$34,750.00

Certificate Programs

Business Administration

Clinical Medical Assisting

Industrial Technology (Industrial Maintenance Technology)

Medical Office Administration

Pharmacy Technology

AY 1	=	\$17,250.00
TOTAL	=	\$17,250.00

LANCASTER CAMPUS

Degree Programs

Business Administration

Clinical & Admin Medical Assisting

HVAC-R Technology

Industrial Technology (Industrial Maintenance Technology)

Medical Billing Specialist

Pharmacy Technology

AY 1	=	\$17,250.00
AY 2	=	\$15,700.00
TOTAL	=	\$32,950.00

Criminal Justice: Corrections

AY 1	=	\$17,375.00
AY 2	=	\$17,375.00
TOTAL	=	\$34,750.00

Certificate Programs

Business Administration

Clinical Medical Assisting

Industrial Technology (Industrial Maintenance Technology)

Medical Office Administration

Pharmacy Technology

AY 1	=	\$17,250.00
TOTAL	=	\$17,250.00

MADERA CAMPUS

Certificate Programs

Business Administration

Clinical Medical Assisting

Medical Office Administration

AY 1	=	\$15,950.00
TOTAL	=	\$15,950.00

MODESTO CAMPUS

Degree Programs

Business Administration
Clinical & Admin Medical Assisting
Industrial Technology (Industrial
Maintenance Technology)
Medical Billing Specialist
Pharmacy Technology

AY 1	=	\$15,950.00
AY 2	=	\$14,045.00
TOTAL	=	\$29,995.00

Criminal Justice: Corrections

AY 1	=	\$15,995.00
AY 2	=	\$15,995.00
TOTAL	=	\$31,990.00

Certificate Programs

Business Administration
Clinical Medical Assisting
Industrial Technology (Industrial
Maintenance Technology)
Medical Office Administration

AY 1	=	\$15,950.00
TOTAL	=	\$15,950.00

ONLINE DIVISION

Degree Programs

Business Administration
Construction Management
Human Resource Administration
Information Technology

AY 1	=	\$14,810.00
AY 2	=	\$14,810.00
TOTAL	=	\$29,620.00

Clinical & Admin Medical Assisting
Clinical Medical Assisting
Medical Billing and Coding
Medical Billing Specialist

AY 1	=	\$14,415.00
AY 2	=	\$14,415.00
TOTAL	=	\$28,830.00

Certificate Programs

Business Administration
Human Resource Administration
Information Technology

AY 1	=	\$14,810.00
TOTAL	=	\$14,810.00

Clinical Medical Assisting
Medical Billing and Coding
Medical Office Administration
Degree Completion

AY 1	=	\$14,415.00
TOTAL	=	\$14,415.00

ONTARIO CAMPUS

Degree Programs

Business Administration
Clinical & Admin Medical Assisting
Construction Management
HVAC-R Technology
Industrial Technology (Industrial
Maintenance Technology)
Medical Billing Specialist
Pharmacy Technology

AY 1	=	\$17,250.00
AY 2	=	\$15,700.00
TOTAL	=	\$32,950.00

Criminal Justice: Corrections

AY 1	=	\$17,375.00
AY 2	=	\$17,375.00
TOTAL	=	\$34,750.00

Dental Hygiene

AY 1	=	\$28,825.00
AY 2	=	\$28,825.00
TOTAL	=	\$57,650.00

Instrument Kit/Uniforms: \$3,950.00*

*This fee is not refundable

Respiratory Therapy

AY 1	=	\$21,995.00
AY 2	=	\$21,995.00
TOTAL	=	\$43,990.00

Certificate Programs

Business Administration
Clinical Medical Assisting
Industrial Technology (Industrial
Maintenance Technology)
Medical Office Administration
Pharmacy Technology

AY 1	=	\$17,250.00
TOTAL	=	\$17,250.00

RANCHO CORDOVA CAMPUS

Degree Programs

Respiratory Therapy

AY 1	=	\$24,250.00
AY 2	=	\$24,250.00
TOTAL	=	\$48,500.00

SAN DIEGO CAMPUS

Degree Programs

Dental Hygiene

AY 1	=	\$28,825.00
AY 2	=	\$28,825.00
TOTAL	=	\$57,650.00

Instrument Kit/Uniforms: \$3,950.00*

*This fee is not refundable

TEMECULA CAMPUS

Degree Programs

Business Administration
Clinical & Admin Medical Assisting
HVAC-R Technology
Medical Billing Specialist
Pharmacy Technology

AY 1	=	\$17,250.00
AY 2	=	\$15,700.00
TOTAL	=	\$32,950.00

Respiratory Therapy

AY 1	=	\$21,995.00
AY 2	=	\$21,995.00
TOTAL	=	\$43,990.00

Certificate Programs

Business Administration
Clinical Medical Assisting
Medical Office Administration
Pharmacy Technology

AY 1	=	\$17,250.00
TOTAL	=	\$17,250.00

Dental Assisting

AY 1	=	\$18,600.00
TOTAL	=	\$18,600.00

VISALIA CAMPUS

Degree Programs

Business Administration
Clinical & Admin Medical Assisting
Computer Systems Administration
Human Resource Administration
HVAC-R Technology
Medical Billing Specialist
Pharmacy Technology

AY 1	=	\$15,950.00
AY 2	=	\$14,300.00
TOTAL	=	\$30,250.00

Criminal Justice: Corrections

AY 1	=	\$15,995.00
AY 2	=	\$15,995.00
TOTAL	=	\$31,990.00

Dental Hygiene

AY 1	=	\$28,825.00
AY 2	=	\$28,825.00
TOTAL	=	\$57,650.00

Instrument Kit/Uniforms: \$3,950.00*

*This fee is not-refundable

Respiratory Therapy

AY 1	=	\$20,375.00
AY 2	=	\$20,375.00
TOTAL	=	\$40,750.00

Registered Nursing

RN Program (generic)

AY 1	=	\$29,485.00
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AY 2	=	\$29,485.00
TOTAL	=	\$58,970.00

LVN to RN Bridge

AY2	=	\$34,750.00
TOTAL	=	\$34,750.00

RN + additional courses*

\$475/per unit

*Additional degree requirements

Vocational Nursing

AY 1	=	\$15,875.00
AY 2	=	\$15,875.00
TOTAL	=	\$31,750.00

Certificate Programs

Clinical Medical Assisting

Industrial Technology (Industrial Maintenance Technology)

AY 1	=	\$15,950.00
TOTAL	=	\$15,950.00

Dental Assisting

AY 1	=	\$18,600.00
TOTAL	=	\$18,600.00

STUDENT TUITION RECOVERY FUND

It is a State requirement that a student who meets the two requirements noted below pay a State-imposed assessment for the Student Tuition Recovery Fund, the purpose of which is to reimburse students who might otherwise experience a financial loss as a result of untimely school closure. In that event, a claim may be filed by contacting the STRF unit at (800) 370-7589 [select option 5 when prompted] or by sending an email to STRFClosedSchool@dca.ca.gov

You must pay the state-imposed assessment for the Student Tuition Recovery Fund (STRF) if all of the following applies to you: 1. You are a student in an educational program, who is a California resident, or are enrolled in a residency program, and prepay all or part of your tuition either by cash, guaranteed student loans, or personal loans, and 2. Your total charges are not paid by any third-party payer such as an employer, government program or other payer unless you have a separate agreement to repay the third party. You are not eligible for protection from the STRF and you are not required to pay the STRF assessment if either of the following applies: 1. You are not a California resident, or are not enrolled in a residency program, or 2. Your total charges are paid by a third party, such as an employer, government program or other payer, and you have no separate agreement to repay the third party.



The State of California created the Student Tuition Recovery Fund (STRF) to relieve or mitigate economic losses suffered by students in education programs who are California residents, or are enrolled in a residency program attending certain schools regulated by the Bureau for Private Postsecondary Education and Vocational Education.

You may be eligible for STRF if you are a California resident or are enrolled in a residency program, prepaid tuition, paid the STRF assessment, and suffered an economic loss as a result of any of the following: 1. The school closed before the course of instruction was completed, 2. The school's failure to pay refunds or charges on behalf of a student to a third party for license fees or any other purpose, or to provide equipment or materials for which a charge was collected within 180 days before the closure of the school. 3. The school's failure to pay or reimburse loan proceeds under a federally guaranteed student loan program as required by law or to pay or reimburse proceeds received by the school prior to closure in excess of tuition or other costs. 4. There was a material failure to comply with the Act or Division within 30 days before the school closed or, if the material failure began earlier than 30-days prior to closure, the period determined by the Bureau. 5. An inability after diligent efforts to prosecute, prove, and collect on a judgment against the institution for a violation of the Act.

SECTION 3

FINANCIAL SERVICES

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FINANCIAL AID ASSISTANCE

SJVC participates in federal financial aid programs; students who wish to apply for financial aid assistance must establish financial aid eligibility each year. In order to determine financial aid eligibility, students must complete the application process, meet academic progress standards, and be enrolled at least part-time.

Financial assistance awarded through *SJVC* may consist of a combination of grants, loans, and scholarships. *SJVC* participates with federal, state and private agencies in providing various aid programs.

TYPES OF FINANCIAL AID AVAILABLE

GRANTS

Federal Pell Grant Program

The Federal Pell Grant is an important source of aid for students who demonstrate a financial need. It is dependent upon determination of eligibility, enrollment status, cost of attendance, and a payment schedule issued by the U.S. Department of Education. A grant does not have to be repaid.

Federal Supplemental Educational Opportunity Grants

Each year *SJVC* makes a limited number of awards to students through the Federal Supplemental Education Opportunity Grant program. These funds are targeted to those students who have the lowest calculated family income.

LOAN REPAYMENT

If an applicant obtains a loan to pay for an educational program, the applicant will have the responsibility to repay the full amount of the loan plus interest, less the amount of any refund. If the applicant is eligible for a loan guaranteed by the federal or state government and the applicant defaults on the loan, both of the following may occur:

- The federal or state government or a loan guarantee agency may take action against the applicant, including applying any income tax refund to which the applicant is entitled to reduce the balance owed on the loan.
- The applicant may not be eligible for any other federal student financial aid at another institution or government assistance until the loan is repaid.

Federal Direct Stafford Loans Subsidized

Students requiring additional financial assistance may apply for a federal loan. This loan must be repaid, beginning six months after graduation or termination from the program, whichever occurs first. Students who do not qualify for a Subsidized Federal Direct Stafford Loan may apply for an Unsubsidized Federal Direct Stafford Loan.

Federal Direct Stafford Loans Unsubsidized

Independent students may also borrow from the Unsubsidized Federal Direct Stafford Loan program and begin interest payments while in school; this loan must be repaid. Principal payments begin upon either graduation or termination from *SJVC*, whichever occurs first.

Federal Direct PLUS

Through the Federal Parent Loan for Undergraduate Students program, parents of dependent students may borrow funds to meet educational expenses. This loan must be repaid, beginning once the loan is fully disbursed (paid out).

Institutional Loan

The College offers a low interest loan program. This loan may be used only to pay tuition charges not covered by financial aid. Students should check with the Financial Aid Office for repayment options and application requirements.

Student Scholarships

The College awards up to \$40,000 annually in scholarships to high school seniors who meet certain requirements. High school seniors should inquire within their high school counseling office or career center for information about an *SJVC* scholarship application or they may contact the nearest *SJVC* campus.

APPLICATION PROCESS

Financial Aid Officers are available to assist students in obtaining the financial assistance required to meet their educational needs. Students may apply for financial aid by contacting the *SJVC* Campus Financial Aid Office to discuss the process and timelines to apply for aid and complete the Free Application for Federal Student Aid (FAFSA).

The purpose of the FAFSA is to determine the amount of assistance for which students are eligible. This analysis takes into account factors such as income, assets, the number of family members in a household, and the number of family members who are enrolled in college.

When to Apply

Students should apply for financial aid prior to enrollment at *SJVC*.

How to Apply

The Financial Aid Office will provide students with the forms required to begin the financial aid application process. Students should have a complete financial aid file to ensure timely receipt of financial aid funds. A complete financial aid file consists of *SJVC*'s receipt of a student's FAFSA data from the Department of Education, a completed loan entrance interview (if required), and submission of verification items (if required).

A financial aid application will only be processed if: The student has been admitted to *SJVC* as a regular student, or is a returning student in good academic standing with *SJVC*; and the student has completed the FAFSA or the Renewal FAFSA.

Students may come in person to their respective Campus Financial Aid Office to complete the FAFSA or renewal. These forms can also be completed online at <http://www.fafsa.ed.gov>. In order to complete the application, the applicant must include *SJVC*'s federal school code, 014741.

What Happens Next?

Upon submission of the FAFSA, students will be sent a Student Aid Report (SAR). The SAR should be checked for accuracy and any necessary corrections should be made as soon as possible. Once the SAR has been determined to be complete, a financial aid award letter will be sent to the student which will state the student need (education cost), family contribution, amount of grants awarded, and the amount of loans monies available, if needed. In order to receive unsubsidized or subsidized loan funds, students must complete a Master Promissory Note and return it to the lender.

Funds are then dispersed by the Student Accounts Manager, as described in the **Award Letter**.

STUDENT'S RIGHT TO CANCEL

Students have the right to cancel the enrollment agreement and obtain a refund of charges paid through attendance at the first class session or the seventh day after enrollment, whichever is later.

Cancellation shall occur when the student gives written notice of cancellation at the address of the College shown on top of the front page of the enrollment agreement. Students can submit this written notice by mail, hand delivery, or email. The written notice of cancellation need not take any particular form and, however expressed, it is effective if it shows that the student no longer wishes to be bound by the enrollment agreement.

If the student cancels the enrollment agreement, the College will not charge institutional charges; however, the College retains the nonrefundable application fee and may charge for equipment not returned in a timely manner in good condition.

Withdrawal from Program

Students have the right to withdraw from a program of instruction at any time. For the purposes of determining the amount the student owes for the time attended, the student shall be deemed to have withdrawn from the program when any of the following occurs:

- a. Notify the College of withdrawal or the actual date of withdrawal; or
- b. The College terminates the enrollment; or
- c. Student fails to attend any classes for fourteen (14) consecutive calendar days.

If the student withdraws from the program after the period allowed for cancellation of the agreement and has completed less than 60 percent of the period of attendance, the College will calculate whether a refund is due, and if so, remit a refund within 45 days following the withdrawal.

Students who intend to withdraw from school should provide official notification to the Dean of Student Services, Registrar, or Campus Director at the campus you attend. Students may provide official notification by letter, phone, e-mail or in person, but are strongly encouraged to provide written notice. The institution will perform the Return to Title IV refund calculation and the institutional refund calculation upon receipt of notification. The withdrawal date used to

determine the amount of tuition owed or refund due will be the date of official notice or the last documented date of attendance, whichever is later.

REFUNDS

If a student withdraws from school, two separate calculations will be performed. The first calculation is a required calculation for all Title IV recipients, and is called the Return to Title IV calculation. This step determines the amount of Title IV financial aid that the student is able to retain. In addition to the Return of Title IV requirements for federal financial aid recipients, the College is required by the State to calculate a prorated refund for all students who have completed less than 60 percent of their period of attendance, regardless of whether or not the student received Title IV funds. The federal formula for Return of Title IV funds may result in a larger refund than the state refund policy. In that case, the College and/or the student must return the sum resulting in the larger of the two calculations to the appropriate Title IV program. Therefore, the student may, after Title IV funds are returned, owe a balance to the College.

Return to Title IV Funds calculation (R2T4)

Federal regulations state that the amount of a Title IV refund is based on the percentage of Title IV funds earned by the student at the time of withdrawal. In order to determine whether Title IV funds must be returned, the College must calculate the following:

A. To determine the percentage of the enrollment period completed, the number of days* attended in the enrollment period is divided by the total days* in the enrollment period. (if VN, DA or AMT), the number of hours attended in the enrollment period is divided by the total hours in the enrollment period) *Days = calendar days for purposes of this formula, and therefore include weekends and holidays. Only scheduled breaks of 5 days or more, and approved leave of absences are excluded.

B. The net amount of Title IV funds disbursed, and that could have been disbursed for the payment period is multiplied by the percentage of the payment period completed. The result is the amount of earned Title IV aid.

C. The earned aid is subtracted from the aid that was actually disbursed to, or on behalf of the student.

D. The College will return the lesser of the total earned aid or the unearned institutional charges for the payment period.

E. Unearned aid is allocated back to the Title IV programs in the following order as specified by law:

1. Unsubsidized Stafford Loan Program
2. Subsidized Stafford Loan Program
3. Stafford PLUS Program

If excess funds remain after repaying all outstanding loan amounts, the remaining excess shall be credited in the following order:

4. Federal Pell Grant Program
5. Other assistance awarded under this title for which return of funds is required

Note: After the College has allocated the unearned aid, any amount owed by the student to a grant program is reduced by 50 percent. Unearned loan funds received by the student are paid back as per the terms of the borrower's promissory note.

If a student obtains a loan to pay for the course of instruction, the student will have the responsibility to repay the full amount of the loan plus interest, less the amount of any refund.

If the student is eligible for a loan guaranteed or insured by the state or federal government and the student defaults on the loan:

- The federal or state government or the loan guarantee agency can take action against the student, including applying any income tax refund to which the person is entitled to reduce the balance owed on the loan; and
- The student may not be eligible for any other federal financial assistance for education at a different school or for government housing assistance until the loan is repaid.

Example:

A student completed 35 days in an enrollment period of 210 days. Dividing 35 by 210 would result in the decimal fraction .166, converted to 16.6% by multiplying by 100. The student completed 16.6% of the enrollment period.

The student may keep only 16.6% of the Title IV financial aid posted or that could have posted to his/her account. If the College could have received \$10,000, only \$1,660 may be kept, with the difference returned to the financial aid sources.

If the student is eligible for more funding than was disbursed, the College will provide written notification and instructions for receiving a post-withdrawal disbursement.

Institutional/California State Refund Calculation

The Institutional/California state refund policy shall be a pro rata refund of moneys paid for institutional charges for students who have completed 60 percent or less of the period of attendance. The pro rata refund shall be no less than the total amount owed by the student for the portion of the educational program provided, subtracted from the amount paid by the student. The amount owed equals the daily charge for the program (total institutional charge, divided by the number of days or hours in the program), multiplied by the number of days student attended, or was scheduled to attend, prior to withdrawal.

All amounts that the student has paid shall be subject to refund unless the enrollment agreement and the refund policy outlined in the catalog specify amounts paid for an application fee or deposit not more than \$250.00, books, supplies, or equipment, and specify whether and under what circumstances those amounts are non-refundable. If any portion of those charges was paid from the proceeds of a nonfederal loan, then the refund will be sent to the lender or to the agency that guaranteed the loan. All other monies shall be returned to the student.



SECTION 4

INSTITUTIONAL POLICIES

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STUDENT CONDUCT STANDARDS

Students are expected to conduct themselves in a professional, ethical and civil manner at all times while on campus or at any time when they are representing the College. *SJVC* has established specific rules governing student behavior along with applicable disciplinary actions that may be taken against any student found in violation of these rules. The **Student Code of Conduct**, published in the **Student Handbook**, sets forth the behavioral standards students are expected to meet along with the College's discipline policy. By enrolling in *SJVC*, students agree to abide by the terms of the **Student Code of Conduct**. Students are responsible for familiarizing themselves with the **Student Code of Conduct**.

The **Student Handbook** is available at every *SJVC* Campus Administrative Office and may be accessed on the InfoZone homepage (<https://infozone.sjvc.edu>).

ACADEMIC FREEDOM

Academic freedom is the right of faculty and students to express their ideas verbally or in writing, free from political, religious or institutional restrictions, even if these ideas are unpopular. In recognition of this right, *SJVC* strives to foster and maintain a climate of academic freedom as set forth below.

- Instructors and students have the right to express their ideas in the classroom, verbally and in writing, within the boundaries of good taste and socially established standards. *SJVC* will promptly conduct an investigation upon learning of an instructor who has allegedly expressed his/her personal opinions without the balance of introducing other sources of instructional integrity or critical thinking practices.
- *SJVC* extends the definition of academic freedom to include the methods used by instructors to facilitate learning of the approved course curriculum. Instructional methods used to achieve the Course Learning Outcomes (CLOs) and deliver the learning materials may vary by individual instructor to include a wide range of choices, including but not limited to:
 - Lectures
 - Audio visual presentations
 - Class discussion
 - Guest speakers
 - Role Playing
 - Simulations
 - Skill demonstrations
 - Case studies and research

CAMPUS DISTURBANCE

SJVC is dedicated to the maintenance of academic freedom in the classroom and in co-curricular activities. While freedom of expression is encouraged, forms of protest that disrupt the normal activities of the College and interfere with the rights of other students will not be tolerated. *SJVC* will take strict disciplinary action, as set forth in the **Student Code of Conduct**, against any student who violates this policy.

COOPERATION WITH COLLEGE STAFF

Students are required to cooperate with College staff at all times. Failure to comply, resisting, or obstructing College staff in the performance of their duties will not be tolerated. Examples of such misconduct include but are not limited to: failure to show proper identification upon request or failure to leave a classroom or office when asked to do so by an instructor, a security officer, or any *SJVC* staff member. *SJVC* will take strict disciplinary action, as set forth in the **Student Code of Conduct**, against any student who violates this policy.

ACADEMIC HONESTY

The entire *SJVC* community is expected to uphold the highest standards of academic honesty. For students, this requires that they do their own work honestly, without cheating or plagiarizing. Students who engage in honest academic behavior(s) will have the satisfaction of knowing that they have received the best education available to them and that they will be thoroughly prepared to enter their chosen career field upon graduation.

Administrators and faculty are required to promote an environment where true learning is embraced and, ultimately, to support the standards of academic honesty in all aspects of the educational process. This joint effort will result in a sense of mutual respect, trust, and integrity.

SJVC does not and will not tolerate intentional involvement in dishonest academic behavior(s). Students who violate this policy will be subject to formal discipline, which may include the assignment of a failing grade, or in some cases, termination from the College.

If intentional acts of dishonest behavior occur, the College has established clear-cut procedures designed to address these types of situations along with appropriate penalties to censure such activities, both of which are set forth below. This section is limited to those areas of campus life that are directly related to academic conduct and ethics.

Violations

Three basic categories of dishonest behavior are noted below, along with several examples of each.

1. Misrepresentation of academic work:

- Using another's statements or thoughts without giving that source proper credit (plagiarism).
- Submission for credit an assignment prepared by another person (or persons).

2. Interference with academic pursuits requiring independent effort:

- Giving, receiving, or using unauthorized assistance on examinations.
- Collaboration with others when independent work is required.
- Deliberately defacing or removing course materials, thereby making them unavailable to others.

3. Buying, selling, or bribing:

- Offering to buy or sell unauthorized assistance on examinations, papers, or grades.
- Offering or accepting bribes related to academic work.

Investigation and Penalty

- If any of the above behaviors is suspected, the instructor will speak with the student immediately to state the observation and concern.
- The incident will be investigated and the Dean of Student Services will make a determination as to the seriousness of the charge.
- If an investigation reveals that a student has engaged in dishonest behavior, he/she will receive penalty consistent with the seriousness of the offense, up to and including termination.

ACCESS TO STUDENT RECORDS AND PRIVACY RIGHTS

Student records are permanently maintained in an electronic database.

The Family Educational Rights and Privacy Act (FERPA) of 1974, 20 U.S.C. §1232g, guarantees certain rights and protections to students concerning their school records and the information they provide to the College. The Act protects students from having their education records or identifying information (i.e., any information that would allow a reasonable person in the school community to identify the student with reasonable certainty) released to outside parties without their written permission. Specifically, the provisions of the Act guarantee students:

1. The right to inspect and review their education records within 45 days of the day the College receives a request for access.

A student should submit to the Registrar or other appropriate college official, a written request that identifies the record(s) the student wishes to inspect. The Registrar or the other college official will make arrangements for access and notify the student of the time and place where the records may be inspected.

If the records are not maintained by the college official to whom the request was submitted, the official shall advise the student of the correct official to whom the request should be addressed.

2. The right to request that the College correct education records which the student believes are inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.

A student who wishes to request that the College correct an education record should submit a written request to the Registrar or other college official clearly identifying the part of the record the student wants changed and specify why it should be changed.

If the College decides not to amend the record as requested, the College will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment.

Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3. The right to provide written consent before the College discloses personally identifiable information from the student's education record, except to the extent that FERPA authorizes disclosure without consent.

Under the FERPA exception, the College discloses education records without a student's prior written consent to the following parties or under the following conditions:

- School officials with legitimate educational interest;
- Other schools to which a student is transferring;
- Specified officials for audit or evaluation purposes;
- Appropriate parties in connection with financial aid to a student;
- Organizations conducting certain studies for or on behalf of the school;
- Accrediting organizations;
- To comply with a judicial order or lawfully issued subpoena;
- Appropriate officials in cases of health and safety emergencies; and
- State and local authorities, within a juvenile justice system, pursuant to a specific state law.

In addition to the above, certain information may be made available by the College without the student's written permission. This information is known as "directory information," and includes the following: name, address, telephone number, photograph, date and place of birth, level of education, major, degrees and awards received. If a student does not want this information released, he/she must notify the Registrar in writing at the time of enrollment.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA. The office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-4805

Social Security Confidentiality Act

The Social Security Number Confidentiality Act (42 U.S.C. §405(c)(2)(C)(viii)(I)), protects students from identify theft by prohibiting the College from disclosing social security account numbers or related records. Any publicly displayed document will exclude students' social security numbers.

Additional information regarding the maintenance of student records can be obtained from the Registrar's Office.

CHANGE OF STUDENT INFORMATION

Students should immediately report any change in their personal information (such as name, address, telephone number, etc.) to the Registrar's Office. *SJVC* will not be held responsible for any mail sent to the wrong address due to an incorrect address on file with the College.

Students' names on official *SJVC* records and transcripts must reflect their names as they appear on official documents, such as driver's licenses, social security cards, passports, etc. In order for a student to change his/her name on *SJVC* records, a marriage certificate, divorce decree, or court document must be presented to substantiate the change.

NOTICE OF NON-DISCRIMINATION

SJVC complies with all pertinent titles and sections of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, the Rehabilitation Act of 1973 and all other applicable federal, state and local laws. *SJVC* does not discriminate on the basis of any characteristic protected by federal, state, or local law, ordinance, or regulation. Any discriminatory action should be reported to the Campus Director. If the Campus Director does not appropriately address a student's concern, or if a student is not comfortable in making the report at this level, notification should be sent to:

Wendy Mendes, Vice President of Administration
San Joaquin Valley College
3828 West Caldwell Avenue
Visalia, CA 93277
(559) 734-9000
WendyM@sjvc.edu

The Vice President of Administration serves as *SJVC*'s Title IX Coordinator. Any questions concerning this policy and/or the procedures to report discriminatory actions should be directed to Campus Administration.

HARASSMENT

SJVC is committed to providing an environment that is healthy, safe, and free from all forms of discrimination and unlawful harassment, in compliance with the provisions of the Civil Rights Act of 1991, the Fair Employment and Housing Act, Title IX of the Education Amendments of 1972, and other human rights and equal opportunity laws. *SJVC* policy strictly prohibits the harassment of any student, staff or faculty member, or visitor to the College. Harassment is any unwelcome or unwanted conduct that denigrates or shows hostility or an aversion toward another person on the basis of any characteristic protected by law. Harassment may be verbal, visual or non-verbal, and/or physical. Examples of some of the forms of harassment include, but are not limited to: Content that is racial, sexual, or personal in nature conveyed through graffiti, verbal statements, phone calls, emails, gestures, or other means defined by law. The College *absolutely forbids* any form of harassment.

Any harassing conduct involving verbal or physical abuse, assault, battery, threats of violence (to include verbal harassment and intimidation) that threatens the safety or well-being of any visitor or

member of the College community will not be tolerated. Disciplinary action will be taken promptly against any student or employee, supervisory or otherwise, who has been found to have engaged in harassing behavior. Students will be subject to the full range of disciplinary actions contained in the **Student Code of Conduct**, which range from suspension up to dismissal from *SJVC*, including legal prosecution, when appropriate.

The College policy on sexual harassment and misconduct, including definitions and the steps in an investigation, is published in the **Student Handbook**. Students are responsible for familiarizing themselves with, and abiding by, the policies outlined in that document.

Non-Retaliation

SJVC prohibits retaliation against any individual who in good faith reports an incident of discrimination, harassment, and/or sexual misconduct or the possible witnessing of the warning signs of sexual misconduct. *SJVC* also prohibits retaliation against any individual who cooperates with an investigation regarding any matter covered by these anti-discrimination, anti-harassment, and anti-sexual misconduct policies.

Public Information

All requests from the media, the campus community at large or the general public, for information concerning an alleged incident of sexual misconduct should be directed to Wendy Mendes, Vice President of Administration at 3828 West Caldwell Avenue, Visalia, CA 93277, (559) 734-9000. Compliance with this policy will promote campus safety and protect the integrity of this policy and the investigation process.

As required by law, *SJVC* collects and annually reports statistical information concerning sexual misconduct occurring within its jurisdiction. To promote public safety, *SJVC* also alerts the campus community to incidents and trends of immediate concern.

STUDENT GRIEVANCE POLICY

SJVC has established the **General Student Grievance Policy** in order to provide for the prompt, effective, and equitable resolution of student grievances not governed by a specific policy or procedure. Under the provisions of the **General Student Grievance Policy**, students have the right to submit grievances, have their grievances considered by Campus Administration, and be notified of the College's decision on the grievance. A full description of the **General Student Grievance Policy** is published in the **Student Handbook**. Any questions or additional information concerning this policy should be directed to Campus Administration.

COMPLAINTS

A student or any member of the public may file a complaint about this institution with the Bureau for Private Postsecondary Education by calling (888) 370-7589 toll-free or by completing a complaint form, which can be obtained on the Bureau's internet website <http://www.bppe.ca.gov/>.

STUDENTS WITH DISABILITIES

In conformity with the Federal Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, *SJVC* shall not discriminate, on the basis of disability, against any student in its academic programs, services, and activities.

Individual students will be given reasonable and necessary accommodation based on specific information and assessment data documented by qualified medical professionals. Students who have special needs related to a permanent or temporary disability may request an accommodation from the Dean of Student Services at any phase of their educational experience at *SJVC*.

An accommodation may be requested for an unlimited or a specified period of time. Each request for accommodation will be evaluated on a case-by-case basis. Consideration for an accommodation, however, cannot be retroactive. Once accommodations are agreed upon between the College and the student, faculty and staff will implement the accommodations.

SJVC facilities are essentially barrier free and accessible to the disabled. All buildings are equipped with restroom and telephone services for the disabled and assistance is available for library resources.

For further information on the College's guidelines concerning disabled students and accommodation policies and procedures, please refer to the **Student Disability Accommodation Policy** available through Campus Administration or InfoZone: Information Center>*SJVC* Publications>2013 Student Disability Policy.

ILLEGAL DRUG AND SUBSTANCE ABUSE POLICY

SJVC is committed to providing a work place and campus environment free of illegal drugs and substance abuse. *SJVC* absolutely forbids the use, distribution, or possession of narcotic or hallucinogenic drugs or substances or inhalation or ingestion of a controlled substance, by any student or employee while on College property or during a school activity. Any individual deemed to be under the influence, while on campus, will be asked to leave immediately.

The College will conduct a fair and thorough investigation into the matter. If the College determines that a student has violated this policy, it will take appropriate disciplinary action against the student, up to and including termination from *SJVC*. (Please refer to the **Student Code of Conduct** for a list of the possible disciplinary actions that may be taken against a student who violates this policy.) Violation of this policy may also result in the College referring the matter to the criminal justice system for prosecution. In addition, *SJVC* reserves the right to require any student who has been found in violation of this policy to submit to periodic drug testing and/or to complete an appropriate educational or rehabilitation program as a condition of continuance with the College.

Students should be aware that many of the hospitals and medical clinics that serve as externship or clinical sites require students to be

tested for illegal drugs and substance abuse as a condition of acceptance as an intern into their facility. If substance abuse is detected through screening tests, the facility may not allow the affected student to participate in the externship/clinical rotation.

For information concerning substance abuse prevention, please refer to the **Substance Abuse Prevention Program Handbook** available through Campus Administration or InfoZone: Information Center>*SJVC* Publications>2014-15 Substance Abuse Prevention Program Handbook.

ALCOHOL USE ON CAMPUS

SJVC strictly prohibits the consumption or possession of alcoholic beverages on its property. Any individual deemed to be under the influence or in possession of an alcoholic beverage while on campus will be asked to leave immediately. Students who violate this policy may be subject to any of the disciplinary actions contained in the **Student Code of Conduct**, up to and including termination from *SJVC's* academic programs. *SJVC* reserves the right to require any student who has been found in violation of this policy to complete an appropriate educational or rehabilitation program as a condition of continuance with the College.

For further information, please refer to the **Substance Abuse Prevention Program Handbook**.

CAMPUS SAFETY

In order to ensure the safety of the entire College community, *SJVC* has developed and implemented specific procedures to be used in the case of natural disasters, bomb threats, medical emergencies, and/or civil disturbances. A full description of the emergency procedures is published in the **Campus Safety Procedures Manual** which is available through Campus Administration or on InfoZone: Information Center/*SJVC* Publications/Campus Safety Procedures.

In addition to the above, the entire College community is required to adhere to the following policies:

VIOLENCE PREVENTION

SJVC is committed to campus safety. As a part of this commitment, *SJVC* is specifically committed to providing a campus that is free of threats or acts of violence and to protecting its employees and students from such conduct on College premises. In keeping with this commitment and in conjunction with other policies, *SJVC* has established a strict policy that prohibits employee and/or student behavior that is violent, threatening, or intimidating while conducting College business.

This policy applies to all employees and students. *SJVC* has zero tolerance for employees or students who make threats, engage in threatening behavior, or commit acts of violence against others. In addition, the College is committed to preventing violent or threatening behavior on its premises by employees, students, visitors, guests, or family members of students and employees.

This policy prohibits not only physically violent behavior but also behavior that is threatening, harassing or intimidating. Prohibited behavior includes, but is not limited to:

- Possession or use of firearms, explosives, weapons such as knives, or any other hazardous or dangerous devices on College property or at any College function, whether on or off campus.
- Disorderly conduct on College property, including fighting, inciting or provoking another to fight, battery, attempted bodily injury or physically abusing an employee, student, or visitor.
- Directly or indirectly using abusive or threatening language, coercing, threatening, or otherwise harassing any employee, student or visitor.
- Actual or direct or indirect threatened physical violence towards another employee, student or visitor.

Keeping the campus free of violence can only be accomplished if every employee and student takes personal responsibility for being aware of and reporting potentially violent behavior. Therefore, all employees and students are responsible for immediately reporting to their Campus Director any incident involving threats or acts of violence. Employees or students making such reports will not be retaliated against, nor will the College tolerate any such retaliation.

Employees and students are required to immediately notify campus security if they witness someone on campus with a weapon. In the event that campus security cannot be located, students must immediately report the incident to the nearest campus staff member.

Students or employees found in violation of this policy will be subject to the full range of disciplinary actions set forth in the **Student Code of Conduct** (applicable to students only) or the **Employee Handbook** (applicable to employees only).

In addition, students and employees are strongly urged to notify the Campus Director about any restraining order in effect for themselves or any potentially violent situation outside of school or work that could result in violence on the campus.

CAMPUS SECURITY REPORT

A Campus Security Report is published annually for each *SJVC* campus. Information on the following is included in the report:

- Campus policies on reporting criminal actions and other emergencies
- Security and access to campus facilities
- Crime prevention programs
- Crime statistics

Copies of the report are distributed annually to all *SJVC* students and employees and may be requested from members of the Campus Administration.

TECHNOLOGY POLICIES

SJVC supports and encourages the use of technology in the educational process. The College recognizes the importance of equipping students with the necessary technological resources to achieve their educational goals and objectives. As such, students have access to various technology resources both on and off-campus.



The technological resources available for student use include personal computers, computer equipment, and a network which allows access to the email system, internet, portal ("InfoZone") and Learning Management System. These resources are to be used for the primary purpose of facilitating and enhancing the educational experience. Any other use is limited and priority is given to individuals using the resources for educational purposes.

This section sets forth the College's policies pertaining to the use of its technological resources. This information is provided to give students an understanding of the various technological resources available to them as well as the College's expectations of all students who utilize these resources. By using these resources, students agree to comply with all applicable policies and guidelines published herein.

Computer Locations

Computers are located in designated classrooms (referred to as "computer labs") and other professional rooms, as determined by the Campus Director. The main locations for students to access computers outside of the classroom are in the Student Center, and the Library and Learning Resources Center (LLRC). The hours of operation for the Student Center, and the LLRC's are posted at each campus location.

In addition, some classrooms provide wireless connection to the College's network. Please see an instructor for more information.

Portal Website

The College's portal website, known as InfoZone, provides access to essential student information. InfoZone may be accessed at <https://infozone.sjvc.edu>

InfoZone makes it possible for students to view their campus calendar, *SJVC* publications and handbooks, access discussion boards and current college news, and download their unofficial transcripts.

InfoZone also gives students access to their course schedules, current courses and assignments, learning resources, grades, attendance, account statements, financial aid information, and more.

In addition, InfoZone provides easy access to various educational resources on the Internet including libraries, web sites, databases, museums and repositories of research.

Computer Use Policy

SJVC's computers, software, and any files stored on the computer or network are College property. All hardware and software are to be used primarily for educational purposes. Although students have passwords that restrict access to their computer accounts, *SJVC* may access personal e-mail accounts and any files stored or deleted from the computer system, at any time.

All software that resides on any of *SJVC's* computers must be licensed. *SJVC* prohibits the installation or removal of any software, unless directly related to a specific assignment approved and under the direction of an instructor. Users are also forbidden from altering or copying licensed software.

SJVC will not tolerate destruction or vandalism of any of its computer equipment. It also forbids the deliberate waste of computer resources. Disciplinary penalties, as outlined in the **Student Code of Conduct**, may be imposed upon any student who has been found in violation of this policy.

When leaving a computer terminal, students must either log off or shut the computer down in order to preserve and maintain the security of the network.

SJVC provides students with access to the internet for the purpose of enriching their educational experience. Although it is the College's intent that the internet will be used for achievement of educational goals and course objectives, every student should be aware that some material accessible via the internet could contain items that are illegal, defamatory, inaccurate, or potentially offensive. Each individual user is strongly cautioned to exercise prudent judgment in what materials are viewed, stored, or routed to others.

Students are solely responsible for using this resource in an educationally effective, efficient, ethical, non-discriminatory, and lawful manner. The following list, while not exhaustive, describes the acceptable and unacceptable usage of the internet through the *SJVC* network.

Acceptable Use

- Using the internet to conduct research related to the course(s) in which a student is enrolled.
- Using a current and valid *SJVC* user account.
- Using the internet to engage in electronic communication with *SJVC* instructors, administration, staff, or fellow students through email and discussion boards.
- Any purpose that supports the educational mission of *SJVC* and is in keeping with the laws of the State and Federal government.

Prohibited Use

- Using the internet for commercial purposes and/or private enterprises that are not College related.

- Creating, displaying, or transmitting threatening, racist, sexist, discriminatory, pornographic, obscene or harassing language and/or material.
- Using the College's computer network to engage in illegal downloading and/or unauthorized distribution of copyrighted material, including peer-to-peer file sharing.
- Misrepresenting oneself as another user.
- Providing, assisting in, or attempting to modify or gain access to files, passwords, and data belonging to other users.
- Attempting to access restricted areas of the computer network belonging to *SJVC*.
- Attempting to undermine or compromise the security of the College's computer network or any other computer network or workstation.
- Destruction of or damage to the equipment, software, or data belonging to the College or other users.
- Activities that interfere with the ability of others to use resources effectively.
- Activities that result in the loss of another user's work or unauthorized access to another user's work.
- Disclosure of user identification and/or password to another individual; using another individual's computer account for any purpose.
- Any other activity conducted through the College's computer network, including personal e-mail accounts, or use of the internet deemed by the College to be in violation of the **Student Code of Conduct**, College rules, and State or Federal laws.

Any misuse of the internet through the *SJVC* network constitutes a breach of the **Student Code of Conduct**. *SJVC* is the sole judge of what constitutes a breach. If the College determines that a student has engaged in unacceptable use of its technological resources, the student may be subject to the full range of disciplinary actions set forth in the **Student Code of Conduct**.

Computer Copyright Infringement

Students, faculty and staff are prohibited from using the *SJVC* computer network to illegally download or share music, videos, or other copyrighted materials. *SJVC* supports the Higher Education Opportunity Act (HEOA) and Digital Millennium Copyright Act, including efforts to eliminate the illegal distribution of copyrighted material. Under the law, the College may be obligated to provide copyright holders and law enforcement officials information about *SJVC* network users who have violated the law.

SJVC network users should be aware that illegal forms of downloading and file sharing as well as the unauthorized distribution of copyrighted materials are violations of the College's **Technology Policies** and may subject student offenders to the full range of disciplinary actions set forth in the **Student Code of Conduct**. In addition to violating college policy, offenders may also be subject to various penalties under civil and criminal copyright law, including monetary damages and prison time.

Network users are responsible to ensure that any file that they are downloading is not a copyrighted work, unless they have prior, written permission from the copyright holder.

To protect their intellectual property, companies have licensed hundreds of digital partners who offer a range of legal downloading options, including download and subscription services, legitimate peer-to-peer services, video-on-demand, podcasts and CD kiosks. For a list of sources that offer legal downloading sites, visit the RIAA website at www.riaa.com. Questions pertaining to copyright issues should be directed to an instructor.

Email Use Policy

SJVC provides an email account for every student with a current network account and valid password. Students may use the email system for the primary purpose of communicating with their instructors, College administration and staff, and fellow students concerning their coursework or College related business. The College reserves the right, if circumstances warrant, to access, inspect and disclose the contents of messages created, sent, or received using the email system.

It is the responsibility of all email account holders to manage the use, message content, and size of their email accounts. Reading e-mail daily, removing old messages, and deleting messages and attachments of unknown origin are among the most common practices that help ensure an efficient email system.

Unacceptable use of the email system puts both the user and the College at risk. Unacceptable use of the email system includes, but is not limited to:

- Unauthorized attempts to access another's email account.
- Sharing email account passwords.
- Violation of Federal, State or local laws or statutes pertaining to electronic communications.
- Sending harassing, threatening, abusive, or obscene messages.
- Broadcasting excessively large amounts of data (chain letters, graphic presentations, etc.) in such a way as to cause network congestion and failure.

Any misuse of the College's email system may result in the imposition of disciplinary actions as outlined in the **Student Code of Conduct**.

Monitoring

In addition to College staff supervision during computer lab sessions, the classroom, the Student Center, or in the LLRC, *SJVC* reserves the right to audit or randomly audit student computer user accounts. Upon discovery of a possible violation of the policies stated herein, a student's computer privileges may be suspended immediately. Such suspected violations will be reported to the appropriate member(s) of the Campus Administration.

Violations of these policies will be addressed in a manner consistent with violations of other College policies or State and/or Federal law and may result in the College taking disciplinary action against the student as well as possible legal action. In such review, the full range of disciplinary sanctions is available including the loss of computer privileges, termination from *SJVC*, and legal action.

Reporting Suspected Violations

Any suspected violations of the **Computer, Internet, or Email Use Policies** should be immediately reported to Campus Administration. Questions concerning this section should be directed to the Campus Administration.

STANDARDS FOR PROFESSIONAL DRESS

SJVC believes that it is important for each student to appear well groomed and professionally dressed while on campus or situations in which students are representing the College. As such, *SJVC* has established standards for professional dress which all students are expected to adhere to. The standards include the requirement that students dress for class, including externships and clinical rotations, in the professional work-related *SJVC* uniform designated for their particular program of study.

Students are not permitted to wear their uniforms at events or functions that are not sponsored by the College. Any exception to the professional dress standards needed to comply with religious requirements must be discussed with the Dean of Student Services. For information on additional dress and grooming standards, please refer to the **Student Handbook**.

In addition to this policy, many *SJVC* programs have specific professional dress code requirements that students are expected to comply with. For information concerning specific programmatic dress codes, please see the respective Program Director or Division Manager.

STUDENT RIGHTS

Student rights are protected by State and Federal laws, and by the policies, procedures, and regulations established by *SJVC*. Specifically, we recognize these student rights:

- Freedom of access to higher education
- Freedom of classroom expression
- Confidentiality of educational records
- Participation in student affairs
- Procedural standards in disciplinary actions as outlined in the **Student Code of Conduct** and the **Academic Honesty Policy**

ADDITIONAL POLICIES & PROCEDURES

The following publications contain additional information on student policies and procedures.

Student Handbook

Statement of Student Rights
Student Code of Conduct
Sexual Misconduct/Harassment
Student Complaints & Grievances
Academic Honesty
Dress Code & Grooming Requirements
Student Computer and Network Use
Eating and Drinking
Smoking

Cell Phone Usage
Attendance
Academic Policies
Change of Student Information

Student Disability Accommodation Policy

Discrimination Prohibited
Admissions, Enrollment, and Recruitment
Academic Adjustments
Procedures for Determining Disability and Accommodations
Grievance Procedures Concerning Disputes over Accommodations

Substance Abuse Prevention Program Handbook

Substance Abuse
Medical Marijuana
California Drug and Alcohol Punishment

- Opiates and Depressants
- Marijuana
- Alcoholic Beverages

Federal Penalties
Federal Trafficking Penalties – Marijuana
Drugs of Abuse/Uses and Effects

Campus Safety Procedures Manual

Medical Emergencies
Hazardous Material Spill or Release
Fire/Emergency Evacuation Protocol
Fire Alarm
Bomb Threat
Civil Disturbance
Earthquake
Communicable Disease
Widespread Emergencies



Students should also consult their program handbook for any additional information, policies and procedures pertaining to their educational experience at **SJVC**.

SECTION 5

STUDENT SERVICES

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STUDENT SERVICES

Every *SJVC* campus offers a wide range of academic, professional, and personal opportunities designed to support students' educational programs and learning needs. Student services vary by campus according to the needs of each student population however, the services discussed in this section are provided at every *SJVC* campus location.

For a full description of the services available at a particular campus location, students should contact the Dean of Student Services.

STUDENT ADVISING

SJVC is committed to the success of its students, both personally and academically. Students with academic concerns are encouraged to speak with their instructors as soon as possible in order to develop a course of action to assist them in becoming a successful student at *SJVC*. Students experiencing problems of a personal nature may discuss them with the Dean of Student Services. Members of Campus Administration may also refer students to appropriate community agencies that may be able to assist them with particular needs.

TUTORING SERVICES

SJVC offers a variety of tutoring services to its students, free of charge. The College recognizes the importance of tutoring in helping students achieve their educational goals. Students experiencing academic difficulties are strongly encouraged to take advantage of the tutoring services available to them as soon as possible. Some of the tutoring services provided by the College include one-on-one tutoring with an *SJVC* instructor or Student Center Coordinator, the development of personal training plans based on assessment examinations, and assistance in the development of study habits and techniques. Please refer to the **Student Handbook** for a complete description of the tutoring services provided by *SJVC* as well as the points of contact for those services.

LIBRARY AND LEARNING RESOURCE CENTERS

Every *SJVC* campus features a Library and Learning Resource Center ("LLRC") which provides students with educational materials and services that support the *SJVC* curriculum, aid in independent study, and enrich the College experience. Some of the materials and services available through the LLRCs include access to computers with full Internet and word processing capabilities, photocopying, printing, reference materials, book and periodical collections, videos, specific online educational databases, and additional in-class learning resources which support the requirements of programs offered by the College. The LLRCs are staffed with trained and knowledgeable individuals who are available to provide assistance with research, information literacy, learning resources, using the educational online databases, APA format, and checking materials out of the LLRC.

For information on specific materials and services, hours of operation, library/loan policies, checkout and return of resources, and overdue or lost materials, students should visit their campus LLRC or refer to the Student Handbook.

STUDENT CENTERS

In addition to providing tutoring, Student Centers assist students in general education courses, primarily preparation for success in math and English courses. Student Centers are based in computer labs or in the Learning Resource Center, are staffed by qualified personnel, and are available Monday through Friday.

MYLABS PLUS

Additional resources available for students are the free online tutoring programs, *MyLabs Plus* (www.sjvc.mylabsplus.com). (MyLabs may also be accessed through **InfoZone** by clicking on the **Links** tab.)

CAREER SERVICES

The Career Services Department offers a wide variety of career planning and employment-related services to current *SJVC* students and alumni. While *SJVC* does not guarantee employment, income, or wage rate, Career Services staff is available to assist students in developing job-readiness skills and to pursue employment in their chosen career fields. Some of the services offered include:

- Resume development
- Job search assistance
- Interview techniques
- Career development courses
- Career information panels
- Employment related workshops and programs

HOUSING

SJVC does not have dormitory facilities under its control and does not assist a student in finding housing. The cost of housing located reasonably close to each campus varies widely depending on location and whether the space is shared or occupied alone, and whether the student is securing only a room or an entire structure.

Although the College has no responsibility to find or assist a student in finding housing, limited assistance can be provided by the Dean of Student Services.

ADDITIONAL INFORMATION AND STUDENT SERVICES

Additional information related to the provision of student services and campus life in general may be found in the **Student Handbook**.

SECTION 6

ACADEMIC POLICIES AND REGULATIONS

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DEFINITION OF A CREDIT HOUR

A credit hour is the amount of work represented in intended student learning outcomes and the coursework completed, inside and outside of the classroom. One credit hour is equivalent to a minimum of:

- 15 hours of lecture/direct faculty instruction and 30 hours of outside of class student learning; or
- 30 hours of lab/application and 15 hours of outside of class student learning; or
- 45 hours of clinical experience/externship in a course.

TRANSFERABILITY OF CREDIT AND CREDENTIALS EARNED AT OUR INSTITUTION

The transferability of credits you earn at *SJVC* is at the complete discretion of an institution to which you may seek to transfer. Acceptance of the degree or certificate you earn in your program is also at the complete discretion of the institution to which you may seek to transfer. If the credits you earn at this institution are not accepted at the institution to which you seek to transfer, you may be required to repeat all or some of your coursework at that institution. For this reason you should make certain that your attendance at this institution will meet your educational goals. This may include contacting an institution to which you may seek to transfer after attending *SJVC* to determine if your credits will transfer.

ARTICULATION AGREEMENTS

For a current list of the institutions who have agreed to accept credits earned at *SJVC*, please contact the Registrar or refer to the list of Articulation Agreements on the College's website: <http://www.sjvc.edu/admissions/consumer-information/articulation-agreements>

AUDITING COURSES

Generally, *SJVC* does not allow courses to be audited. However, an *SJVC* graduate may audit a course within two years of graduation, with Campus Director approval.

ATTENDANCE POLICY

Students are expected to attend all class meetings. Regular class attendance is an integral component in achieving satisfactory grades. When a student has been absent or expects to be absent from class, he/she should call or e-mail the instructor to advise him/her of the reason for the absence.

Students who are absent for fourteen (14) consecutive calendar days (including weekends and holidays) will be terminated from their program of study.

In addition to this policy, certain education programs have additional attendance requirements. For more information concerning specific programmatic attendance requirements, please see the respective Program Director or Division Manager.

Online Courses

For those students enrolled in a course(s) offered through *SJVC's* Online Division, attendance is counted through participation in one of the following academic activities: posting and/or replying to a discussion forum, submission of a written assignment, completion of an exam.

Students who are absent for fourteen (14) consecutive calendar days (including weekends and holidays) will be terminated from their program of study.

STUDENT EXTERNSHIPS

In recognition of the importance of hands-on training, *SJVC* offers several programs which feature an externship component. In externship, students have the opportunity to apply their newly acquired knowledge and skills in a real-life setting. The externship serves as the final phase of student preparation for entry into their chosen profession.

In order to optimize this learning experience, students must successfully complete all program courses and all other graduation requirements prior to entry into their externship.

INDEPENDENT STUDY

The College is aware that certain situations and/or circumstances may arise during the course of a student's education when the student would benefit from participation in independent study. To be eligible for independent study, the following three conditions must exist:

- The student must be able to realistically complete the Course Learning Outcomes off-site;
- The student is maintaining satisfactory academic progress; and
- There is no programmatic attendance policy that would preclude participation in independent study.

Students who meet these eligibility requirements may complete a maximum of 9.0 semester credit hours per program through independent study.

To request an independent study, students must submit a written petition to their instructor explaining the need for the independent study and the requested duration.¹ The instructor will develop an independent study plan which will be submitted to the Division Manager for approval. If the independent study request and corresponding plan are approved, the student, instructor and Division Manager will meet and confirm the details of the Independent Study plan.

LEAVE OF ABSENCE

The College recognizes that certain situations may arise during the course of a student's education that would require a leave of absence. Students should plan carefully prior to taking a leave of

¹ An independent study may be granted for an entire module or portion of a module if the student anticipates less than fourteen (14) consecutive days' absence.

absence and the following process must be completed prior to the beginning of the requested leave date:

- Immediately submit a written request for a leave of absence to the Dean of Student Services (Campus Dean, if applicable). The request must be signed and dated prior to the requested leave date.
- The Dean will meet with the student to discuss possible alternatives to taking a leave of absence. If it is determined that a leave of absence is in the best interest of the student, he/she, if receiving financial aid, will be required to meet with a Financial Aid Officer to discuss possible financial aid ramifications.
- After these first two steps have been completed, the student will meet with the Dean to discuss issues such as changes to his/her academic schedule, graduation date, etc.

The total combined leave time cannot exceed 180 days in any 12 month period. Exceptions include leaves granted for jury duty, military reasons, or circumstances covered under the Family Medical Leave Act.

Students who do not return as scheduled from a leave of absence will be terminated from the College, effective immediately.

An unapproved leave of absence may be granted by *SJVC* and treated as a withdrawal for financial aid purposes. A financial aid refund calculation will be made based on the beginning of the leave of absence.

STUDENT ACHIEVEMENT: GRADES AND CREDITS

Grades represent the evaluation of a student's achievement of course requirements, objectives, and learning outcomes. Specifically, grades are based upon scores earned on any number of academic assignments which may include quizzes or exams, homework assignments, projects, skill performance, professional development, discussion forums, and mid-course and final exams. All scores earned are converted to the percentage of the total score possible within each course and the final course grade will be determined by the percent range converted to the letter grade shown in the chart below (some programs utilize a different grading system. Please see either the respective Program Director or Division Manager for further information).

90-100%	= A	4.0 Grade Points
80-89%	= B	3.0 Grade Points
70-79%	= C	2.0 Grade Points
65-69%	= D	1.0 Grade Points
Below 65%	= F	0.0 Grade Points

Grades of "A," "B," "C," and "D*," are considered passing grades and correspond to the definitions of excellent, good, satisfactory, and passing. Students are required to maintain a 2.0 grade point average in order remain in satisfactory academic progress (For more information, please refer to the College's policy on **Satisfactory Academic Progress**).

Each final course grade a student earns will be recorded on his/her permanent record at the end of each module or academic term.

*Varies by program. Please refer to program descriptions for additional information.

Online Grading

The instructor will return graded course assignments to the student within three calendar days of the assignment due date. If, due to extenuating circumstances, these conditions cannot be met, the instructor will establish an alternative which will be clearly communicated to the students.

Mid and Final Course Exam Make-Up Policy

If a student will be absent on the day of the mid-course or final exam, he/she must make prior arrangements with the course instructor to take the examination within three (3) class days of the scheduled exam. Exams taken late are subject to a ten percent (10%) reduction of the total points earned. With the exception of the Aviation Maintenance Technology and Vocational Nursing programs, quizzes may not be taken if missed when originally scheduled.

Make-up policy in Online Courses

Certain assignments and tests may be submitted up to two weeks late, up to the end of the course. Late submissions are subject to a grade penalty. Information on which assignments may be submitted late along with the applied late penalties is included in the course syllabus.

Grade of Incomplete (I)

Students may be granted a grade of Incomplete (I) if they are unable to complete course requirements due to:

- Unforeseeable, but fully justified reasons; or
- Medical reasons verified by written documentation from the student's treating physician

The course instructor will make the determination as to whether a student's situation meets the criteria for granting an incomplete. Students may be granted an Incomplete only twice in a scheduled academic year.

Students must complete and submit a Petition for Incomplete to the course instructor prior to the end date of the course. Petition forms are available in the Registrar's Office.

If a petition for Incomplete is granted, the instructor will advise the student of the course work to be completed, including assignments, due date, and points possible. Students must complete the remaining course requirements by the end of the next grading period following the course for which the incomplete was granted. If a student does not complete the coursework in the allotted time, the final grade will be based on the total points earned at the time the incomplete was granted. The instructor will update the student's academic record with the actual grade earned in the course at the end of the next grading period.

For more information or clarification on the policy and procedures related to grades of Incomplete, please see an instructor or the Registrar.

Withdrawal from College (W)

If a student withdraws or is terminated from the College, he/she will be awarded a grade of **"W"** in all current courses. A grade of **"W"** will be counted as attempted credits but will not be used in the computation of the cumulative grade point average.

Students are strongly encouraged to notify the Dean of Student Services as soon as they become aware of the need to withdraw from college.

Grade Point Average

The grade point average (GPA) is computed by dividing the total grade points earned by the total units attempted. Courses with a grade of **"PASS," "FAIL," "W," "I," and "T"** are not included in the calculation of the grade point average.

If a student is required to repeat a course due to substandard academic performance, only the highest grade earned for the course will be used in the computation of the grade point average.

Grade Appeal Policy

If a student is of the opinion that a grade received for a particular course is incorrect, the student has the right to take formal action by utilizing the Grade Appeal Process. Appeals are limited to situations in which a student believes the grade was a mistake in calculation, demonstrable bias, gross negligence or misapplication of stated criteria.

In order to appeal a final grade, students must utilize the Grade Appeal Process published in the **Student Handbook**.

PROGRAMMATIC GRADE REQUIREMENTS

Students enrolled in certain programs will be required to meet or exceed the educational standards established for progression through the program. Examples of some of the standards include achievement of minimum grades in coursework and the attainment

and maintenance of a minimum grade point average, as designated by the particular program.

Course work that earns less than the established minimum grade requirement will not count for units earned, but will count for units attempted, and will be counted in the calculation of the grade point average until the course is retaken. Courses completed with less than the established minimum grade requirement must be retaken for credit in order to advance through the program and to meet graduation requirements. Specific programmatic educational requirements are located in the program listings in this Catalog.

COURSE FAILURE

All failed courses must be repeated until a passing grade is earned for the purpose of assuring that all program and graduation requirements are fulfilled. Students who fail a course will be placed on a waiting list in order to secure an available seat in the course the next time it is offered. Failing any course is likely to delay a student's graduation date and may require a leave of absence and/or financial aid update. Students are strongly encouraged to make every effort to satisfactorily complete all scheduled courses and to take advantage of the various academic support services available to them.

SATISFACTORY ACADEMIC PROGRESS

Students are required to maintain Satisfactory Academic Progress (SAP) while enrolled at **SJVC**. SAP is a measure of a student's qualitative (grade point average) and the quantitative (completion of attempted credit hours) academic progress. SAP is evaluated on a fifteen week or term basis, which is referred to as the evaluation period.

To achieve SAP, students are required to maintain a minimum cumulative grade point average of 2.0 and must complete their program of study in 150 percent of the normal projected time frame. Therefore, students must satisfactorily complete at least 67% of all attempted credit hours at each evaluation period. It is college policy to round up to the next whole number for the quantitative evaluation. For example, 66.6% completion = 67%.

The impact that the following grading symbols will have on a student's SAP is demonstrated in the following table:

GRADE	DEFINITION	GRADE POINTS	COUNT AS UNITS		INCLUDED IN SAP CALCULATION	
			ATTEMPTED?	EARNED?	GPA?	QUANTITATIVE?
A	Excellent	4.00 per unit	Yes	Yes	Yes**	Yes
B	Good	3.00 per unit				
C	Satisfactory	2.00 per unit				
D	Passing*	1.00 per unit				
F	Failing**	0		No		
PASS	Satisfactory	Not applicable		Yes		
FAIL	Unsatisfactory			No		
W	Withdraw			No		
I	Incomplete		Not applicable		No	
T	Transfer		Yes	Yes		

* A grade of "D" may not be passing, nor will it count as units earned, in some programs. Refer to detailed program descriptions for additional information.

** When a failed course is repeated, all experiences are counted as units attempted. However, only the higher grade is counted as units earned, and included in calculations of GPA and satisfactory academic progress.

Students who do not achieve SAP at the initial evaluation will be placed on Financial Aid Warning status. If a student fails to meet SAP at the second evaluation period, he/she will be terminated. If the termination is appealed and granted, the student will be placed on Financial Aid Probation, with attendance and student advising milestones (see **REINSTATEMENT** policy below). Students must meet SAP at the next evaluation or they will be terminated from SJVC. **This policy applies to all students regardless of funding sources.**

Financial Aid Warning

Students who have not met either or both of the minimum requirements for achieving SAP in a given evaluation period will be placed on Financial Aid Warning. Students will remain on Financial Aid Warning status until the end of the next evaluation period. If at that time the student has satisfied the requirements for SAP, the student will be removed from Warning status; however, if the student has not satisfied the requirements for SAP, the student will be terminated.

Students' financial aid eligibility is not affected by placement on Financial Aid Warning status.



APPEAL PROCESS FOR TERMINATION DUE TO UNSATISFACTORY ACADEMIC PROGRESS

Students who have been terminated from **SJVC** due to unsatisfactory academic progress may appeal their termination based upon mitigating circumstances such as the death of a relative, an injury, serious illness of the student, or other special circumstances. The appeal procedure is published in the **Student Handbook**.

REINSTATEMENT

Students who are reinstated with a grade point average below 2.0 or who have not successfully completed at least 67% of the units attempted will be placed on Financial Aid Warning for one evaluation period. Campus Administration may impose certain conditions upon a student's probation, such as requiring students to participate in tutoring and/or student advising meetings. A student's financial aid eligibility will not be affected by placement on warning.

Students who are unable to meet either of the minimum standards for satisfactory academic progress during or at the end of the probation period will be terminated from **SJVC**. No appeal is possible should this second termination occur.

RE-ENROLLMENT POLICY

The College, at the discretion of the Campus Director, may allow former students who have withdrawn or been terminated from **SJVC** for non-academic reasons to re-enroll into an educational program. Questions concerning this policy should be directed to the **Registrar**.

SECTION 7

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INSTRUCTION LANGUAGE

All instruction at the College is conducted in English.

ENGLISH LANGUAGE SERVICES

The College does not provide English language services, including instruction such as ESL.

FACILITIES AND EQUIPMENT

College facilities are structured, designed, and maintained to assure access, safety, security, and meet the needs of *SJVC's* academic programs, student support, and operational services in healthful learning and working environments. Classrooms, labs, and libraries are appropriately furnished and stocked with the necessary equipment to support and enhance student learning and to improve institutional effectiveness.

All college facilities are essentially barrier-free and handicap accessible in accordance with the Federal Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. The

College provides safe and sufficient equipment to support student learning and achievement. Every academic program has a faculty-approved list of equipment and supplies. Instruction is conducted in classrooms, computer labs, and clinical lab settings that best support achievement of student learning outcomes. Instructional materials reflect current industry and professional standards.

LICENSURE

The programs listed below lead to professions requiring licensure in California; additional information is found on each program page.

- Dental Assisting
- Dental Hygiene
- Pharmacy Technology
- Registered Nursing
- Respiratory Therapist
- Veterinary Technology
- Vocational Nursing



PROGRAMS OF STUDY LEADING TO AN ASSOCIATE OF SCIENCE DEGREE

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Medical Billing Specialist	76
Pharmacy Technology	78
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FRESNO CAMPUS

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HESPERIA CAMPUS

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Aviation Maintenance Technology

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

Program Description

SJVC's Aviation Maintenance Technology program provides students with the skills and technical knowledge to perform aircraft, airframe, and power-plant maintenance and inspections. Hands-on training in the hangar includes servicing, troubleshooting, and repair of power-plant and airframe systems and components.

The program is accredited by the Federal Aviation Administration and approved by the California State Approving Agency to enroll veterans and other eligible persons.

A grade of "C" or higher in all AERO courses is required for graduation.

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. Apply appropriate concepts of communication, critical thinking, ethics, and interpersonal interaction to both personal and professional situations
5. 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 AERO courses. AERO51 meets the requirement for completion of CSS100, and AERO 31 meets the general education science requirement.

Professional Certifications

Graduates earn an Associate of Science degree and are eligible to take the FAA General, FAA Powerplant, and FAA Airframe examinations. The Aviation Maintenance campus of **SJVC** is an official FAA test site for all of the required exams. Examination fees are included in the program tuition.

Course descriptions are listed in **Section 8**.

Course ID	Course Name	Credit Units	Credit Hours
AERO 30	Aircraft Basic Science	9.0	256
AERO 31 ¹	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
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



Business Administration

This program is offered at **Bakersfield, Fresno, Hanford, Hesperia, Lancaster, Modesto, Online, Ontario, Temecula** and **Visalia**.

Program Description

SJVC's Business Administration program 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.

Program Student Learning Outcomes

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

1. Perform general business functions
2. Demonstrate resource management and accounting skills
3. Demonstrate a working understanding of economics and marketing and how they correlate to current global business trends
4. Demonstrate keyboarding and ten key skills commensurate with industry standards
5. Demonstrate proficiency in Word, Excel, PowerPoint, and accounting software
6. Interact confidently and communicate effectively with businesses and community organizations
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, minimum keyboarding speed of 45 net wpm, and successful completion of the Career Services Seminar (CSS100)

Professional Certifications

Graduates earn an Associate of Science degree and are eligible to take the Microsoft® Office Specialist exam for certification in Word, PowerPoint® and Excel®. The fees for these examinations is paid for by **SJVC**.¹

On-Ground Program

Course descriptions are listed in **Section 8**.

Course ID	Course Name	Credit Units
ACT 101	Principles of Accounting	5.0
ACT 102	Intermediate Accounting	3.0
BA 210	Business Writing	2.0
BUS 102	Business Math	3.0
BUS 160	The Modern Office Professional	3.0
BUS 170	Strategic Management & Leadership	3.0
BUS 180	Marketing & Sales	3.0
BUS 400	Business Capstone	3.0
CMP 101	Introduction to Microsoft Office 1	5.0
CMP 102	Introduction to Microsoft Office 2	5.0
ECON 1	Economics	3.0
ENG 121	Composition and Reading – Part A	3.0
ENG 122	Composition and Reading – Part B	3.0
HR 100	Human Resource Management/Administration	2.0
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
SPC 1A	Introduction to Public Speaking	3.0
Total		67.0

¹ Payment for retakes and subsequent examinations are the responsibility of the graduate.
Failure to sit for these exams does not constitute a refund or discount in tuition.

Online Program

Course descriptions are listed in **Section 8**.

Course ID	Course Name	Credit Units
BUS 100	Introduction to Business	5.0
BUS 125	Administrative Operations and Procedures	5.0
BUS 135	Professional and Technical Writing	5.0
BUS 145	Business Math	5.0
CMP 101	Introduction to Microsoft Office I	5.0
ECON 1	Economics	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
HR 155	Human Resource Management and Administration	5.0
MGT 104	Office Supervision and Organization	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
SOC 125	Diversity in the Workplace	3.0
SPC 1A	Introduction to Public Speaking	3.0
Total		69.0



Clinical and Administrative Medical Assisting

This program is offered at **Bakersfield, Fresno, Hanford, Hesperia, Lancaster, Modesto, Ontario, Online, Temecula, and Visalia.**

Program Description

SJVC's Medical Assistant program prepares graduates to work as Medical Assistants in medical offices, and specialty clinics. Training helps students learn the skills required to be a valuable member of the healthcare team.

The program includes an externship which allows students to further their studies in a real-world medical environment. This clinical training enhances student learning and helps graduates develop work experience. Students will be required to complete all health screening and immunization requirements of extern site prior to beginning externship hours. The College will pay for the cost of required screenings and immunizations.



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 the Registered Medical Assistant (RMA) 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); and meeting minimum requirement of Health Insurance Portability and Accountability Act certification (HIPAA).

Professional Certifications

Graduates earn an Associate of Science degree and are eligible to sit for the Registered Medical Assistant exam offered by the American Medical Technologists. Fees for this examination are reimbursed to the student by SJVC for their first attempt. 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. **SJVC** will pay for either of these examinations taken within six months of graduation.¹

On-Ground Program

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
ENG 121	Reading and Composition – Part A	3.0
ENG 122	Reading and Composition – Part B	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
HCP 202	Microsoft Office for Health Care Professionals	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

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

¹ Payment for retakes and subsequent examinations are the responsibility of the graduate.
Failure to sit for these exams does not constitute a refund or discount in tuition.

Online Program

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
AMA 223	Medical Office Management and Computer Applications	5.0
AMA 33	Medical Insurance	3.0
CL 110	Computer Literacy and Applications for the Healthcare Professional	2.0
CMA 31	Medical Laboratory Procedures 1	2.0
CMA 41	Medical Laboratory Procedures 2	2.0
CMA 42	Medical Office Simulations and Professional Development	3.0
CMA 201	Medical Assisting Applications 1	2.0
CMA 202	Medical Assisting Applications 2	2.0
ENG 121	Reading and Composition – Part A	3.0
ENG 122	Reading and Composition – Part B	3.0
HTH 103	Human Relations and Health Care	3.0
HTH 107	Anatomy / Physiology and Medical Terminology	6.0
HTH 500	Externship or Clinical Rotations	4.0
MCA 103	Clinical Applications	4.0
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		62.0

Clinical Medical Assisting

This program is offered **Online**.

Program Description

SJVC's Medical Assistant program prepares graduates to work as Medical Assistants in medical offices, and specialty clinics. Training helps students learn the skills required to be a valuable member of the healthcare team.

The program includes an externship which allows students to further their studies in a real-world medical environment. This clinical training enhances student learning and helps graduates develop work experience. Students will be required to complete all health screening and immunization requirements of extern site prior to beginning externship hours. The College will pay for the cost of required screenings and immunizations, up to \$175.

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 appropriate certification exams
5. 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 CMA courses; successful completion of the Career Services Seminar (CSS100); and meeting minimum requirement of Health Insurance Portability and Accountability Act certification.

Professional Certifications

Graduates earn an Associate of Science degree and are eligible to sit for the Registered Medical Assistant exam offered by American Medical Technologists. Graduates also earn HIPAA certification, CPR and First Aid certification.

Students residing outside California are encouraged to take a certification examination recognized by their state medical board or an independent certification organization. **SJVC** will pay for either of these examinations taken within six months of graduation.¹

Online Program

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
CMA 121	Basic and Advanced Phlebotomy Theory	5.0
CMA 141	Medical Assisting Competencies	5.0
CMA 161	Introduction to Pharmacology and Administration of Medication	5.0
CMA 170	Medical Office Applications and Communications	5.0
CMA 501	Exam Preparation	1.0
ECON 1	Economics	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
HTH 107	Anatomy/Physiology and Medical Terminology	6.0
HTH 500	Externship	4.0
MGT 104	Office Supervision and Organization	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
SPC 1A	Introduction to Public Speaking	3.0
Total		67.0

¹ Payment for retakes and subsequent examinations are the responsibility of the graduate.
Failure to sit for these exams does not constitute a refund or discount in tuition.



Computer Systems Administration

This program is offered at **Visalia**.

Program Description

SJVC's Computer Support Administration program provides an in-depth study of the operating systems, applications, and network applications of today's businesses. The focus is on Microsoft®, CompTIA®, and Cisco® certifications.

Program Student Learning Outcomes

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

1. Obtain cutting-edge, internationally recognized industry certifications
2. Troubleshoot, manage and administrate computer hardware
3. Troubleshoot, manage and administrate computer software
4. Troubleshoot, manage and administrate client and network operating systems
5. Troubleshoot, manage and administrate network infrastructure
6. Troubleshoot, manage and administrate security infrastructure
7. Relate and apply concepts of Ethics, Psychology, Sociology, English, Mathematics, and the Natural Sciences to situations in their careers and personal lives
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; successful completion of the Career Services Seminar (CSS100)

Profession Certifications

Graduates earn an Associate of Science Degree and are eligible to take exams for CompTIA®, Microsoft®, and Cisco® certifications. Fees for these examinations are paid for by **SJVC**.¹

On-Ground Program

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
CSA 5	Network+	5.0
CSA 20	Microsoft Client Operating System	2.0
CSA 32	Configuring the Active Directory	2.0
CSA 42	Configuring Network Infrastructure	2.0
CSA 56	Security+	5.0
CSA 302	Intermediate Networking A	2.0
CSA 303	Intermediate Networking B	2.0
CST 3A	A+ Certification	5.0
CST 4A	A+ Certification Lab	5.0
CST 14A	Microsoft Network Operating Systems A	2.0
CST 14B	Microsoft Network Operating Systems B	2.0
CST 20	Microsoft Client Operating Systems	5.0
ENG 121	Composition and Reading – Part A	3.0
ENG 122	Composition and Reading – Part B	3.0
ICS 2	Intermediate Computer Skills 2	2.0
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

¹ Payment for retakes and subsequent examinations are the responsibility of the graduate. Failure to sit for these exams does not constitute a refund or discount in tuition.

Construction Management

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

Program Description

SJVC's Construction Management program provides graduates with the technical and managerial skills needed in today's commercial and residential construction industry. Students are prepared for the management responsibilities they will face on the job, creating an opportunity to move into supervision and construction management.

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 and competencies to effectively supervise people and build teamwork
4. Evaluate situations that involve potential legal issues and create or coordinate responses
5. Embrace and 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).

Professional Certifications

Graduates earn an Associate of Science Degree in Construction Management.

On-Ground Program

Course descriptions are listed in **Section 8**

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 Management	3.0
CON 120	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
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 Program

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
CON 111	Materials and Architectural Design	5.0
CON 112	Construction 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 Projects	5.0
CON 141	Construction Management Supervision	3.0
CON 145	Strategic Communications	5.0
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		65.0



Criminal Justice: Corrections

This program is offered at **Bakersfield, Fresno, Hanford, Hesperia, Lancaster, Modesto, Ontario, and Visalia.**

Program Description

SJVC's Criminal Justice: Corrections program 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.

Admissions Requirements

- U.S. Citizenship
- Proof of High School Graduation
- 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
- Approval of Program Director or their designee



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, as prescribed by the Commission on Peace Officer Standards and Training (POST)
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

Graduation Requirements

Successful completion of the courses listed below; a grade of 70% or higher on all job knowledge tests and successful completion of all skill examinations in CJ60A; successful completion of the Career Services Seminar (CSS100)

Professional Certifications

Graduates earn an Associate of Science degree, and the following certifications: STC Adult Core Academy which includes: 8-hour Baton, POST PC 832 Laws of Arrest, POST PC 832 Firearms, Bureau of Security and Investigative Services (BSIS) Security Guard Card and (BSIS) Security Guard Exposed Weapons permit.

On-Ground Program

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
CJ 4	Criminal Law	3.0
CJ 14	Juvenile Law and Procedures	3.0
CJ 60A	Adult Corrections Officer Core Course	15.0
CJ 61A	PC 832 - Laws of Arrest	3.0
CJ 61B	PC 832 - Firearms Course	2.0
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
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



Degree Completion

This program is offered **Online**.

Program Description

SJVC's degree completion program is designed for those certificate program graduates who wish to continue their education and earn an Associate of Science degree. Courses completed in the certificate program are accepted as a block transfer for credit and depending on the unit value of their program, will affect the courses required to earn a degree.

Graduation Requirements

Successful completion of the courses listed below.

Online Program

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
ECON1	Economics	3.0
ENG121	Composition and Reading – Part A	3.0
ENG122	Composition and Reading – Part B	3.0
HEA10	Health and Wellness	3.0
MGT104	Office Supervision and Organization	3.0
MTH121	College Algebra – Part A	3.0
MTH122	College Algebra – Part B	3.0
NSC1	Introduction to the Natural Sciences	3.0
PHIL1C	Ethics	3.0
PSY1	General Psychology	3.0
SOC1	Introduction to Sociology	3.0
SPC1A	Introduction to Public Speaking	3.0
TOTAL		36.0



Dental Hygiene

This program is offered at **Ontario, San Diego, and Visalia.**

Program Description

SJVC's Dental Hygiene program prepares students to work as a registered dental hygienist. Benefits of the program include comprehensive instruction, small class sizes, high board pass rates, and accreditation by the American Dental Association Commission on Dental Accreditation.

The Dental Hygiene program houses a fully equipped clinic, allowing students to get hands-on instruction and real-world experience while completing their studies.

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

The following prerequisite courses must be completed at a regionally 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)¹
- Human Physiology (with lab)
- Speech / Oral Communication
- Introduction to Sociology
- Organic/Biochemistry (with lab)¹
- 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

Students meeting all of the program prerequisites and minimum requirements will be selected using points earned from the following criteria: GPA on all prerequisite courses, a reading comprehension exam, allied health or related work experience, and a personal interview.

¹The College will offer BIOL14 and CHE4 courses to students who meet all other program prerequisites, contingent on sufficient number of enrollments.

Graduation Requirements

Except as noted, successful completion of the courses listed below with a grade of "C" or higher in all DH courses; achieve minimum requirement of the HIPPA component.

Professional Certifications

Graduates earn an Associate of Science Degree.

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 College Dean or dental hygiene program director. *SJVC* does not pay for any fees associated with securing licensure.

On-Ground Program

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
DH 4	Periodontics 2	3.0
DH 10	Oral Biology	3.0
DH 11	Oral Radiology	2.0
DH 12	Head and Neck Anatomy	3.0
DH 13	Dental Health Education	2.0
DH 14	Introduction to Clinic	2.0
DH 20	Local Anesthesia Lecture	1.0
DH 21	General and Oral Pathology	4.0
DH 22	Patient Management and Geriatrics	2.0
DH 24	Clinic Seminar 1	1.0
DH 26	Community Oral Health	2.0
DH 30	Periodontics 1	3.0
DH 31	Pharmacology	3.0
DH 32	Dental Materials	2.0
DH 33	Clinic Seminar 2 Advanced Clinical Topics	1.0
DH 42	Clinical Seminar 3	2.0
DH 45	Nutrition	2.0
DH 46	Legal and Ethical Responsibilities	2.0
DH 110	Oral Biology Lab	CR
DH 111	Oral Radiology Lab	1.0
DH 112	Head and Neck Anatomy Lab	CR
DH 114	Introduction to Clinic Lab	2.0
DH 120	Local Anesthesia Lab	1.0
DH 123	Clinical Practice 1	3.0
DH 124	Clinic Seminar 1 Lab	1.0
DH 132	Dental Materials Lab	1.0
DH 133	Clinic Seminar 2 Advanced Clinical Topics Lab	1.0
DH 134	Clinical Practice 2	4.0
DH 143	Clinical Practice 3	5.0
DH 399 ¹	Dental Hygiene Review Seminar 1	CR
DH 499 ²	Dental Hygiene Review Seminar 2	1.0
DH 601 ¹	Dental Hygiene Review	CR
DH 602 ¹	Dental Hygiene Clinical Experience	CR
Total		60.0

¹Not a degree requirement

²Fulfills the Career Services Seminar requirement.

Diagnostic Medical Sonography

This program is offered at **Bakersfield**.

Program Description

SJVC's Diagnostic Medical Sonography program prepares students to work in the medical field as entry-level general sonographers. Students will learn 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. Students receive extensive clinical practice in California hospitals and clinics to gain real-world experience.

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 Requirement:

- Applicants must be at least 18 years of age.
- A minimum of a "C" grade in the following prerequisite courses completed at a regionally accredited college or university, nine units of which are applied to the general education graduation requirement.
 - Writing and Composition
 - Intermediate Algebra or higher
 - Anatomy and Physiology¹
 - Medical Terminology¹

¹ The Anatomy and Physiology and Medical Terminology course prerequisites may also be satisfied through the successful passage of the challenge exams developed for these courses. Students who do not pass the challenge exams will be given the option to satisfy these prerequisites. See an Admissions Advisor for more information.

Applicants to the Diagnostic Medical Sonography Program are selected based on points earned in an evaluation process that includes assessment, transcript review, professional reference and personal interview. Enrollment is subject to the Program Director or their designee.

Graduation Requirements

Successful completion of the courses listed below with a grade of "C" or higher in all DMS academic and clinical work, meet the minimum requirement of the HIPAA component, and successful completion of the Career Services Seminar (CSS100) Student must also complete, or transfer for credit at time of enrollment, an additional nine units of general education:

- Philosophy 1C: Ethics
- And two of the following:
 - Economics 1
 - Psychology 1
 - Sociology 1

Professional Certifications

Graduates earn an Associate of Science in Diagnostic Medical Sonography. Graduation from this program does not, by itself, make one eligible for the ARDMS certifying examination. Graduates with previous health studies education with certification in that field are eligible for

the ARDMS certifying examination; all others must have 1,680 hours experience as a diagnostic medical sonographer before they are eligible to sit for the ARDMS examination. *SJVC* will reimburse the cost of the fees for the examination.²

On-Ground Program

Course descriptions are listed in **Section 8**

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
PHIL 1C	Ethics	3.0
PSY 1	General Psychology	3.0
SOC 1	Introduction to Sociology	3.0
Total		88.0

² Payment for retakes and subsequent examinations are the responsibility of the graduate. Failure to sit for these exams does not constitute a refund or discount in tuition.



Emergency Services and Safety Management

This program is offered at **Bakersfield**.

Program Description

SJVC's Emergency Services and Safety Management program prepares students to work in many areas of safety and security, both public and private.

Program Student Learning Outcomes

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

1. Demonstrate the social skills, professional appearance, attitudes and behavior that employers expect of all SJVC graduates
2. 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
3. Monitor and enforce at an entry level, facility and personnel safety
4. Reference and use statutory codes and laws in a variety of safety and security duties
5. Prevent, suppress, and react to, as well as lead in, emergency situations in the workplace
6. Perform the skills and behaviors of an Emergency Medical Technician
7. Obtain the following certifications:
 - PC832 Firearms
 - PC 832 Arrest and Control
 - BSIS California Guard Card
 - BSIS Exposed Firearm Permit
 - Campus Security Officer Certification
 - Oil Industry Safety Certificate
 - Confined Space Entry Training Certificate
 - Basic OSHA Safety Training Certificate
 - First Aid Certification
 - CPR Certification



Admissions Requirements

- 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 his/her expected start date
- Approval of the ESSM Program Director or their designee.

Graduation Requirements

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

Professional Certifications

Graduates of the ESSM program earn an Associate of Science degree and the following certifications: POST PC 832 Laws of Arrest, POST PC 832 Firearms, Bureau of Security and Investigative Services (BSIS) Guard Card and Armed Guard Card, Confined Space, OSHA, HAZ MAT, EMT and Campus Security.

On-Ground Program

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
CJ 4	Criminal Law	3.0
CJ 41	Advanced Threat Analysis	2.0
CJ 62A	PC832 Laws of Arrest	3.0
CJ 62B	PC832 Police and Security Weapons	2.0
ENG 121	Reading and Composition – Part A	3.0

ENG 122	Reading and Composition – Part B	3.0
ESSM 2	Health Care Security and Safety Administration	2.0
ESSM 10	Industrial Safety	5.0
ESSM 21	Applied Anatomy and Physiology	2.0
ESSM 33	HazMat/HazWoper	2.0
ESSM 43	Campus Security	2.0
ESSM 46	BSIS Security Officer Academy	5.0
ESSM 50	EMT Academy	10.0
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		62.0



Heating, Ventilation, Air Conditioning, and Refrigeration

This program is offered at **Bakersfield, Fresno, Hesperia, Ontario, Temecula, Visalia** and **Lancaster**.

Program Description

SJVC's Heating, Ventilation, Air Conditioning and Refrigeration program 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

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

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 requisite mastery to apply for and obtain certifications from organizations such as the Environmental Protection Agency (EPA), the national Air-Conditioning and Refrigeration Institute and the Gas Appliance Manufacturers Association (ARI/GAMA), and the national Industry Competency Examinations (ICE)
4. Create documents and reports using word processing software
5. Apply advanced electrical concepts and critical thinking skills to interpret and draft schematic wiring diagrams, and perform system diagnostics and interpret results
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 DUI convictions for the past 3 years

Graduation Requirements

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

Professional Certifications

Graduates earn an Associate of Science degree and have the opportunity to earn EPA 608 certification. **SJVC** will pay fees associated with this examination.¹

On-Ground Program

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
AC 100	Basic Air Conditioning Theory and Applications	5.0
AC 302	Intermediate Air Conditioning	2.0
AC 400	Advanced Air Conditioning	2.0
EC 100	Basic Electricity Theory and Applications	5.0
EC 200	Intermediate Electricity 1	5.0
EC 302	Intermediate Electricity 2	3.0
EC 400	Advanced Electricity	2.0
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
RF 100	Basic Refrigeration Theory and Applications	5.0

RF 200	Intermediate Refrigeration 1	2.0
RF 302	Intermediate Refrigeration 2	5.0
RF 400	Advanced Refrigeration	2.0
SOC 1	Introduction to Sociology	3.0
Total		62.0

¹ Payment for retakes and subsequent examinations are the responsibility of the graduate.
Failure to sit for this exam does not constitute a refund or discount in tuition.



Human Resource Administration

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

Program Description

SJVC's Human Resource Administration program offers training in the procedures, policies, and practices found in today's human resource departments. Students develop the professional 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. These computer skills are valuable to human resource specialists, but they are also important skills to have for a variety of positions.

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 net 35 wpm; and successful completion of the Career Services Seminar (CSS100)

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®. **SJVC** pays the fees associated with this examination.¹

On-Ground Program

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
BA 210	Business Writing	2.0
BUS 170	Strategic Management & Leadership	3.0
CMP 101	Introduction to Microsoft Office 1	5.0
CMP 102	Introduction to Microsoft Office 2	5.0
ENG 121	Composition and Reading – Part A	3.0
ENG 122	Composition and Reading – Part B	3.0
HRA 25	Workforce Analysis, Planning, and Staffing	3.0
HRA 26	Workforce Training, Managing, and Safeguarding	3.0
HRA 31	Labor Laws: Employee Rights	3.0
HRA 32	Labor Laws: Equal Employment Opportunity	3.0
HRA 40	Introduction to Accounting Principles	2.0
HRA 42	Payroll Management	3.0
HRA 44	Business Ethics	3.0
HRA 56	Benefits and Compensation	3.0
HRA 400	HRA Capstone	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	Intro to Sociology	3.0
SPC 1A	Introduction to Public Speaking	3.0
Total		68.0

Online Program

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
CMP 101	Introduction to Microsoft Office I	5.0
CMP 102	Introduction to Microsoft Office II	5.0
ECON 1	Economics	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
HRA 21	Human Resource Management and Compensations	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
MGT 104	Office Supervision and Organization	3.0
MTH 121	College Algebra – Part A	3.0
MTH 122	College Algebra – Part B	3.0
NSC 1	Intro to the Natural Sciences	3.0
PHIL 1C	Ethics	3.0
PSY 1	General Psychology	3.0
SOC 1	Intro to Sociology	3.0
SPC 1A	Intro to Public Speaking	3.0
Total		66.0

¹ Payment for retakes and subsequent examinations are the responsibility of the graduate. Failure to sit for these exams does not constitute a refund or discount in tuition.



Industrial Technology (Industrial Maintenance Technology)

This program is offered at **Bakersfield, Hesperia, Lancaster, Modesto, and Ontario.**

Program Description

SJVC's Industrial Technology (Industrial Maintenance Technology) program 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 performed 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)

Professional Certifications

Graduates earn an Associate of Science degree.

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
ECON 1	Economics	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
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
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
SPC 1A	Introduction to Public Speaking	3.0
Total		66.0

Information Technology

This program is offered **Online** (effective March 23, 2015).

Program Description

SJVC's Information Technology (InfoTech) program provides students with the knowledge and skills for a variety of careers in the information technology industry. Students who enroll in the program will take foundational core courses in computer hardware and software and will then go on to complete five additional courses in two of the following concentrations: Networking & Telecommunications, Security, Database Development, and/or Web Development. This program is designed to prepare students for multiple industry-standard certifications offered through CompTIA®, Microsoft®, ISC2®, CWNP, and Adobe. These certifications can greatly enhance students' job opportunities and future career success.

Program Student Learning Outcomes

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

1. Apply critical thinking and problem solving skills in InfoTech solutions.
2. Apply current techniques and tools in the development, deployment, and evaluation of InfoTech solutions.
3. Describe and implement network technology.
4. Follow best practices in information security.
5. Design and develop a database using professional principles and standards.
6. Design a secure network infrastructure.
7. Design and develop a website using professional principles and standards.
8. Manage a secure network infrastructure.



Graduation Requirements

Successful completion of the courses listed below; completion of the certification exam(s) aligned with the student's selected concentrations of study and submission of exam results to SJVC; and successful completion of the Career Services Seminar (CSS100)

Professional Certifications

Graduates earn an Associate of Science Degree, and, based upon their selected concentrations, are eligible to take the exams through CompTIA®, Microsoft®, ISC2®, CWNP, and Adobe. First time exam fees are paid by SJVC.¹

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
Core Course Requirements		
COMP101	Computer Literacy and Applications for the Professional	3.0
COMP102	A+ Hardware	3.0
COMP103	A+ Software	3.0
COMP150	*Security +	3.0
PHIL 1C	Ethics	3.0
Network & Telecommunications Concentration Course Requirements		
COMP120	Network	3.0
COMP121	Windows Server Install & Conf	4.0
COMP122	Windows Server Admin	4.0
COMP123	Wireless Local Area Networks	4.0
COMP224	Certificate Review - Networking	1.0
Database Development Concentration Course Requirements		
COMP130	Concepts of Database	3.0

COMP131	Database Systems	4.0
COMP132	Structured Query Language	4.0
COMP133	Microsoft SQL Server	4.0
COMP234	Certificate Review-Database Administration	1.0
Web Development Concentration Course Requirements		
COMP140	Intro to Web Design	3.0
COMP141	HTML	4.0
COMP142	JavaScript	4.0
COMP143	Web Devlp w/Adobe Dreamweaver	4.0
COMP244	Certificate Review-Web Development	1.0
Security Concentration Course Requirements		
COMP151	Network Security	3.0
COMP152	Penetration Testing	4.0
COMP153	Computer Forensics	4.0
COMP155	Advanced Systems Security	4.0
COMP254	Certificate Review - Security	1.0
General Education Course Requirements		
ENG 121	Composition and Reading - Part A	3.0
ENG 122	Composition and Reading - Part B	3.0
MTH 121	College Algebra - Part A	3.0
MTH 122	College Algebra - Part B	3.0
NSC 1	Introduction to the Natural Sciences	3.0
PSY 1	General Psychology	3.0
SOC 1	Introduction to Sociology	3.0
Total		68.0

¹ Payment for retakes and subsequent examinations are the responsibility of the graduate.

Failure to sit for these exams does not constitute a refund or discount in tuition.



Medical Billing and Coding

This program is offered **Online** (effective March 23, 2015)

Program Description

SJVC's Medical Billing and Coding program provides in-depth training for the position in the financial side of healthcare that includes 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



Graduation Requirements

Successful completion of the courses listed below; minimum keyboarding speed of 40 wpm with no more than 3 errors in a 5 minute timed writing; achieve minimum standard of the Health Insurance Portability and Accountability Act (HIPAA) component; completion of the Certified Professional Coder (CPC) and Certified Professional Biller (CPB) certification examinations and submission of exam results to *SJVC*²; and the successful completion of the Career Services Seminar (CSS100).

Professional Certifications

Graduates earn an Associate of Science degree and are eligible to take the CPC and CPB certification examinations administered by the AAPC. Graduates earn a typing certificate and also certifications in HIPAA, CPR/BLS-HCP, and first aid.

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
HCP101	Structural Anatomy and Terminology	3.0
HCP102	Body Systems and Terminology	3.0
HCP103	Foundational Office Skills	2.0
HCP201	Diseases and Disorders	3.0
HCP202	Microsoft Office for Health Care Professionals	3.0
MOP110	Medical Insurance Principles	5.0
MOP120	CPT and HCPCS Coding	3.0
MOP130	Billing Principles	2.0
MOP140	ICD Coding	3.0
MOP210	Medical Office Principles	2.0
BUS102	Business Math	3.0
MBC105	Body Systems and Pathology	3.0
MBC125	CPT Coding	3.0
MBC210	Medical Coding Practicum	3.0
MBC220	Medical Coding Seminar	1.0

² Payment for retakes and subsequent examinations are the responsibility of the graduate.

MBC230	Medical Billing Practicum	3.0
MBC240	Medical Billing Seminar	1.0
ENG121	Composition and Reading – Part A	3.0
ENG122	Composition and Reading – Part B	3.0
MTH121	College Algebra – Part A	3.0
MTH122	College Algebra – Part B	3.0
NSC1	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		70.0



Medical Billing Specialist

This program is offered at **Bakersfield, Fresno, Hanford, Hesperia, Lancaster, Modesto, Ontario, Temecula, Visalia, and Online.**

Program Description

SJVC's Medical Billing Specialist program provides in-depth training for the front office position of a busy medical practice or facility. Hands-on experience and classroom instruction include the study of office management, 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 net 35 wpm; achieve minimum standard of the Health Insurance Portability and Accountability Act (HIPAA) component; successful completion of the Career Services Seminar (CSS100)

Professional Certifications

Graduates earn an Associate of Science degree and are eligible to take several national certification and credentialing examinations administered by the National Center for Competency Testing (NCCT). Graduates also earn certification in HIPAA, AHA-Adult and Infant CPR, and First Aid.

On-Ground Program

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
BUS 102	Business Math	3.0
ENG 121	Composition and Reading – Part A	3.0
ENG 122	Composition and Reading – Part B	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
HCP 202	Microsoft Office for Health Care Professionals	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
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

Online Program

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
BCS101	Basic Computer Skills	5.0
ECON1	Economics	3.0
ENG 121	Composition and Reading – Part A	3.0
ENG 122	Composition and Reading – Part B	3.0
HCM40	Medical Insurance Principals	5.0
HCM102	CPT, HCPCS, and ICD Coding	5.0
HCM103	Health Care Management	5.0
HCM105	Hospital Billing and Legal Issues in Insurance	5.0
HEA10	Health and Wellness	3.0
HTH107	Anatomy/Physiology & Medical Terminology	6.0
MTH121	College Algebra – Part A	3.0
MTH122	College Algebra – Part B	3.0
NSC1	Introduction to the Natural Sciences	3.0
PSY1	General Psychology	3.0
SOC1	Introduction to Sociology	3.0
SPC1A	Introduction to Public Speaking	3.0
Total		61.0



Pharmacy Technology

This program is offered at **Bakersfield, Fresno, Hesperia, Lancaster, Modesto, Ontario, Temecula, and Visalia.**

Program Description

SJVC's Pharmacy Technology program 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; earn a grade of "C" or higher in all PT courses, and achieve minimum keyboarding speed of 35 net wpm prior to extern placement). Students must also meet the minimum requirement of the Health Insurance Portability Accountability Act (HIPAA) component and successfully complete the Career Services Seminar (CSS100).

Professional Certifications

Graduates earn an Associate of Science degree and HIPAA certification. Upon successful completion of the Pharmacy Technician Certification Practice Exams, graduates are responsible for scheduling an exam date for the Pharmacy Technician Certification Exam (PTCE). **SJVC** will pay for the criminal background check, application, and registration fees.

State Licensure

Graduates are eligible to apply for licensure with the California State Board of Pharmacy. A criminal background check will be conducted to determine if an act has been committed that constitutes grounds for denial. **SJVC** will pay for the criminal background check, application, and registration fees.



On-Ground Program

Course descriptions are listed in **Section 8**

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
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
PSY 1	General Psychology	3.0
SOC 1	Introduction to Sociology	3.0
Total		63.0



Physician Assistant

The College is no longer enrolling new students in this program. For more information, please see an Admissions Advisor.

Program Description

SJVC's Physician Assistant program prepares students to work as health professionals and to practice medicine under the supervision of a licensed physician. Students learn to collect and evaluate medical data and participate in the process of clinical decision making. Graduates are prepared to provide diagnosis and therapeutic management as it relates to their patients and their position in the health care field. Refer to **Section 1: Programmatic Accreditation**.

Program Student Learning Outcomes

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

1. Understand and apply principles of ethical and moral practice essential to role of a physician assistant.
2. Communicate effectively through listening, speaking, and writing to produce, inform, and convey ideas essential for providing information in the professional medical environment.
3. Apply pre-clinical, clinical, and behavioral sciences skills that form the foundation for functioning as a physician assistant.
4. Demonstrate core knowledge of the spectrum of normal anatomical and physiological components of human body and correctly use medical, anatomical and directional terminology commonly used in the medical profession.
5. Demonstrate competence in understanding case presentation, the principles of pathophysiologic processes that commonly cause deviations in normal clinical measurements, clinical techniques, and psychological modalities.
6. Explain the fundamentals of health maintenance, management and disease prevention.
7. Practice a systematic process of problem solving for the diagnosis of diseases and interpretation of routine laboratory tests and diagnostic procedures.
8. Perform a complete or focused history and physical exam, order and interpret diagnostic tests with careful consideration of the test properties, risks and complications, and implement a plan to manage patient's overall therapeutic goals.
9. Apply knowledge and skills to recommend appropriate decisions regarding the safe and effective use of medications or the need for referral to other health care providers.
10. Synthesize a working knowledge of basic research methods and its role in furthering the practice of medicine.
11. Apply practice experiences and perform evidence-based learning activities in the healthcare environment as a professional member of the interdisciplinary team.
12. Demonstrate understanding of the connectedness of global and local communities and make appropriate consideration for ethnic, cultural and sociologic variations of the patient population in a given community or medical practice.



Admission Requirements

- Completion of 60 semester units or 90 quarter units with an overall G.P.A. of 2.5 on a 4.0 scale.
- Non-science prerequisite courses must be completed with a grade of "C" or better. Science prerequisites should be completed with a grade of "B" or better.
- A minimum of 3 semester or 4 quarter units is required for the following courses:
 - College Algebra or higher*
 - Psychology 1
 - Speech 1, 4 or 8
 - Sociology 1 or Anthropology 10
 - Writing & Composition
 - Biology 30 (Human Anatomy with lab)
 - Chemistry 20 (General Chemistry) or Chemistry 30
 - Biology 31 (Human Physiology with lab)
 - Biology 40 (General Microbiology with lab)

*College algebra must be equivalent in depth to *SJVC's* Math 121/122.

- 2,000 hours of direct patient-care experience. Hours accrued as a student in a training program cannot be used towards this total. Both paid and volunteer hours are acceptable.
- No coursework "In Progress" will be accepted; and advanced placement, transfer of PA credits, or credit for experiential learning is not permitted. Students must participate in the full 24 month curriculum.

Graduation Requirements

Successful completions of the courses listed below with a grade of "C" or higher in all PAS courses, and achieve minimum clinical requirements.

Board Pass Rates

Graduating Class	Number of PA Students	1st time test taker passing rates	Graduates Certified on retest
2005	20	90%	100%
2006	16	87%	100%
2007	18	78%	100%
2008	17	76%	94%
2009	20	80%	95%
2010	20	95%	100%
2011	19	95%	100%
2012	21	71%	90%
2013*	21	86%	95%
Overall	172	84%	97%

*as of 3/13/14

Program graduate placement								
Year/number of graduates	2005 n=20	2006 n=16	2007 n=18	2008 n=17	2009 n=20	2010 n=20	2011 n=19	2012 n=21
Percentage of graduates entering a Primary Care Specialty	85%	69%	78%	59%	70%	80%	74%	74%
Percentage of graduates practicing in Medically Underserved Areas / Populations	85%	63%	72%	53%	60%	90%	63%	58%

On-Ground Program

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
PAS 101	Anatomy and Physiology 1	2.0
PAS 102	Adult Medicine 1	8.0
PAS 103	History and Physical Assessment 1	4.0
PAS 104	Diagnostic Studies 1	1.0
PAS 105	Pharmacology 1	2.0
PAS 107	Pathophysiology 1	2.0
PAS 201	Adult Medicine 2	8.0
PAS 202	History and Physical Assessment 2	4.0
PAS 203	Diagnostic Studies 2	1.0
PAS 204	Pharmacology 2	2.0
PAS 206	Anatomy and Physiology 2	2.0
PAS 207	Pathophysiology 2	2.0
PAS 301	Clinical Skills	1.0

PAS 302	Medical Specialties: OB/GYN	2.0
PAS 303	Medical Specialties: Pediatrics	3.0
PAS 304	Medical Specialties: Geriatrics	2.0
PAS 305	Medical Specialties: Emergency Medicine	3.0
PAS 306	Medical Specialties: Surgery	2.0
PAS 400 ¹	PA Profession	1.0
PAS 402	Clinical Rotation 1	14.0
PAS 500	Introduction to Research and Medical Literature	
	Review	1.0
PAS 502	Clinical Rotation 2	14.0
PAS 602	Preceptorship	15.0
Total		96.0

¹Fulfills CSS100 requirement



Registered Nursing

This Associate of Science program is offered at **Visalia** in two formats: a comprehensive, 85-unit program, and a 71-unit LVN to RN Bridge program.

Program Description

SJVC's Registered Nursing program prepares students to work in the medical field as a Registered Nurse.

Students are expected to be in good physical and mental health as determined by provisions of a completed physical examination. Current required immunizations and freedom from TB as required by clinical agencies must be provided prior to the beginning of nursing courses and maintained throughout the program.

A current CPR card for healthcare providers issued by the American Heart Association must be provided at the time of admission to the program and maintained throughout the program.

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 (comprehensive program)

A minimum of 34 units in the following courses must be completed at a regionally accredited college or university with a GPA of 2.5 or higher.

- Human Anatomy with lab¹
- Microbiology with lab¹
- Human Physiology with lab¹
- General Chemistry with lab¹
- Writing & Composition²
- Intermediate Algebra or higher²
- General Psychology²
- Introduction to Sociology or Cultural Anthropology²
- Introduction to Public Speaking / Oral Communication²

¹The College will offer BIOL10, BIOL14, BIOL45 and CHE3 courses to students who meet all other program prerequisites, contingent on sufficient number of enrollments.

²These courses are offered Online

Admission Requirements (LVN-RN Bridge format)

All pre-requisite courses (34 units) and a current California LVN license (6 units of credit)

Admission Requirements (30-unit Certificate Option)

- BIOL14 Microbiology
- BIOL46 Human Physiology

Graduation Requirements

Successful completion of the courses listed below and three units within GE Breadth Area C2 (literature, philosophy, foreign language). If the student does not have units to transfer, PHIL 1C: Ethics must be taken at *SJVC*.

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.

SJVC pays fees for the background check and application, and will reimburse graduates for the expense of the NCLEX-RN examination.¹ 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.

¹ Payment for retakes and subsequent examinations are the responsibility of the graduate. Failure to sit for these exams does not constitute a refund or discount in tuition.

Comprehensive Program

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
RN10	Fundamentals of Nursing - Theory	3.0
RN10L	Fundamentals of Nursing – Clinical	3.0
RN43	Mental Health Nursing – Theory	3.0
RN43L	Mental Health Nursing – Clinical	2.0
RN12	Nursing Seminar 1: Pathophysiology	2.0
RN24	Beginning Medical/Surgical Nursing - Theory	3.0
RN24L	Beginning Medical/Surgical Nursing – Clinical	3.0
RN23	Maternal Newborn Nursing – Theory	3.0
RN23L	Maternal Newborn Nursing – Clinical	2.0
RN22	Nursing Seminar 2: Pharmacology	2.0
RN35	Intermediate Medical/Surgical Nursing – Theory	3.0
RN35L	Intermediate Medical/Surgical Nursing – Clinical	3.0
RN33	Pediatrics Nursing Theory	2.0
RN33L	Pediatrics Nursing Clinical	2.0
RN36	Health Appraisal	2.0
RN30	Gerontology/Community Nursing – Theory	1.0
RN30L	Gerontology/Community Nursing – Clinical	1.0
RN46	Advanced Medical Surgical Nursing – Theory	3.0
RN46L	Advanced Medical Surgical Nursing – Clinical	4.0
RN44 ¹	Leadership	3.0
RN50 ²	Work Study	0
RN51 ²	NCLEX Review	0
Total		84.0

(includes 34 units of General Education required for admission into the program)

(LVN-RN Bridge)

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
RN28	Health Promotion	4.0
RN30	Gerontology/Community Health Nursing – Theory	1.0
RN30L	Gerontology/Community Nursing – Clinical	1.0
RN35	Intermediate Medical/Surgical Nursing – Theory	3.0
RN35L	Intermediate Medical/Surgical Nursing – Clinical	3.0
RN43	Mental Health Psychiatric Nursing – Theory	3.0
RN43L	Mental Health Psychiatric Nursing – Clinical	2.0
RN34	Maternal/Child Nursing	3.0
RN34L	Maternal/Child Nursing – Clinical	2.0
RN44 ¹	Leadership	3.0

RN45	Advanced Medical Surgical Nursing – Theory	3.0
RN45L	Advanced Medical Surgical Nursing – Clinical	3.0
RN50 ²	Work Study	0
RN51 ²	NCLEX Review	0
TOTAL		31.0

30-Unit Certificate Option

In addition to the two Associate of Science degree options, in accordance with the Board of Registered Nursing Policy (Section 1435.5) California Licensed Vocational Nurses may apply for the non-degree program. This program is commonly referred to as the "30-Unit option" and prepares the student to take the NCLEX-RN Examination, but does not award an AS Degree. This option is not supported by the nursing community as a whole. Completion of this option may not meet the criteria to practice in other states. Non-degree applicants will be considered on a space available basis only and if program resources allow. See the Program Director for more information.

30-unit Certificate Option

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
RN30	Gerontology/Community Health Nursing – Theory	1.0
RN30L	Gerontology/Community Health Nursing – Clinical	1.0
RN35	Intermediate Medical Surgical Nursing – Theory	3.0
RN35L	Intermediate Medical Surgical Nursing – Clinical	3.0
RN43	Mental Health Nursing – Theory	3.0
RN43L	Mental Health Nursing – Clinical	2.0
RN44 ¹	Leadership	3.0
RN45	Advanced Medical Surgical Nursing – Theory	3.0
RN45L	Advanced Medical Surgical Nursing – Clinical	3.0
RN50 ²	Work Study	0
RN51 ²	NCLEX Review	0
TOTAL		30.0

(includes 8 units of General Education required for admission into the program)

¹Fulfills the CSS100 requirement

²Not a degree requirement

Program Standards

There are many demands in the nursing program. Most students find it difficult to carry the load of the nursing program and work more than part time. This must be considered carefully by each individual. Classroom and clinical scheduling cannot be altered due to an individual's outside employment.

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.

A background check (criminal record) and drug test may be required by clinical agencies.

Nursing Program policies and guidelines may be found in the RN Application Packet and the RN Student Handbook. These documents supplement the *SJVC* catalog.

Program Graduation Requirements:

Students must earn 75% or better in all RN courses, including general education. Students must also meet the minimum requirement of the HIPAA component in order to graduate from the program.

Respiratory Therapy

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

Program Description

SJVC's Respiratory Therapy program 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.

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



Admission Requirements

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

Applicants to the Respiratory Therapy program are selected based on points earned in an evaluation process that includes assessment, professional reference, personal interview and previous academic achievement with emphasis on successful completion of college-level math and science courses. Enrollment is subject to the approval of the RT Program Director or his/her designee.

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 work¹. Students must meet the minimum requirement of the Health Insurance Portability Accountability Act component; pass the skills competencies and program certifications in the term in which they are given and document a minimum of 85% attendance in each academic and clinical course; successful completion of the Career Services Seminar (CSS 100)

¹Students who do not achieve this minimum grading requirement, will not be allowed to advance to the next term while waiting to repeat the course(s).

Professional Certifications

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

State Licensure

Graduates are eligible to site for the National Board Respiratory Care (NBRC): Therapist Multiple Choice Exam (TMC). Upon achieving the minimum cut score for registry eligibility on the TMC, graduates will be eligible to take the Clinical Simulation Exam (CSE) leading to the Registered Respiratory Therapist (RRT) Credential. Applications require a background check. **SJVC** will pay the background check and application fees.² Graduates who pass both exams (TMC and CSE) and are credentialed as an RRT by the NBRC are eligible for licensure as a Respiratory Care Practitioner (RCP) by the California Respiratory Care Board which is a requirement to work in the field.

²Payment for retakes and subsequent examinations are the responsibility of the graduate. Failure to sit for these exams does not constitute a refund or discount in tuition.

On-Ground Program

Course descriptions are listed in **Section 8**

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
PHIL 1C	Ethics	3.0
PSY 1	General Psychology	3.0
SOC 1	Introduction to Sociology	3.0
BIO 24	Human Anatomy and Physiology	4.0
CHE 3A	Introduction to General Chemistry	4.0
BIO 31	Microbiology	4.0
RT 10	Introduction to Respiratory Care	10.0
RT 20	Fundamentals of Respiratory Care	4.0
PHAR 21	Pharmacology	2.0
RT 30	Principles of Respiratory Care	7.0
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 Practice – Rotation 1	1.0
RT 2	Clinical Practice – Rotation 2	5.0
RT 3	Clinical Practice – Rotation 3	6.0
RT 4	Clinical Practice – Rotation 4	6.0
Total		95.0



Surgical Technology

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

Program Description

SJVC's Surgical Technology program 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.

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 to the Surgical Technology program are selected based on points earned in an evaluation process that includes assessment, transcript review, professional reference and personal interview. Enrollment is subject to the approval of the ST Program Director or his/her designee.

Graduation Requirements

Successful completion of the courses listed below with a grade of "C" or higher in all ST courses; students must meet the minimum requirement of the Health Insurance Portability and Accountability Act (HIPAA) and successfully complete the Career Services Seminar (CSS100)

Professional Certification

Graduates of this program earn an Associate of Science degree, CPR, HIPAA, and Blood Borne Pathogens certifications, and are eligible to apply to the National Board of Surgical Technology and Surgical Assisting (NBSTSA) to sit for the Certified Surgical Technologist (CST) examination. Graduates who pass the certification exam are authorized to use the credential Certified Surgical Technologist (CST®). The fees for this examination are paid for by **SJVC**.¹

¹Payment for retakes and subsequent examinations are the responsibility of the graduate. Failure to sit for these exams does not constitute a refund or discount in tuition.

On- Ground Program

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
APMT 1	Anatomy and Physiology with Medical Terminology	5.0
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
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
Total		72.0



Therapeutic Massage

The College is no longer enrolling new students in this program. For more information, please see an Admissions Advisor.

Program Description

SJVC's Massage Therapist program prepares students to practice massage therapy in a variety of professional environments including medical offices, private practices, spas and salons, and sports clinics. The program covers massage and bodywork therapy techniques, as well as massage therapy business practices and customer/client relations.

Program Student Learning Outcomes

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

1. Assess client and safely perform the most relevant type of massage and bodywork therapy for the client's situation, condition, and special needs
2. Perform administrative duties including recordkeeping, appointment scheduling, and ordering supplies
3. Recognize emergency situations and perform life-saving skills of CPR and first aid properly and in a timely manner
4. Communicate effectively orally and in writing using correct medical terminology and demonstrate the skills required to be prepared for professional certification exams
5. Exhibit the highest standards of ethical conduct and maintain a safe and clean working environment
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 and clients expect of all SJVC graduates



Graduation Requirements

Successful completion of all courses listed below; successful completion of the Career Services Seminar (CSS100)

Professional Certifications

Graduates earn an Associate of Science degree in Therapeutic Massage and HIPAA Certification. Graduates are eligible to sit for the National Certification Examination for Massage and Bodywork Therapy (NCMTMB). The fees for this examination are paid for by **SJVC**.¹

¹ Payment for retakes and subsequent examinations are the responsibility of the graduate. Failure to sit for these exams does not constitute a refund or discount in tuition.

On-Ground Program

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
BIO 24	Anatomy and Physiology	4.0
BIO 110	Clinical Pathology	3.0
BIO 210	Palpation and Kinesiology	3.0
BUS 104	Business Essentials & Professional Development	3.0
CPR 1	CPR/First Aid	1.0
ENG 121	Composition and Reading – Part A	3.0
ENG 122	Composition and Reading – Part B	3.0
MAS 110	Introduction to Eastern Theory and Shiatsu Techniques	4.0
MAS 120	Palpation and Myology	4.0
MAS 130	Swedish Massage Therapy Technique	4.0
MAS 210	Integrated Deep Tissue Massage	3.0
MAS 220	Swedish Massage Therapy Applied Techniques	3.0
MAS 230	Sports Massage	3.0
MAS 240	Spa Therapy: Management, Techniques, and Modalities	3.0
MTC 1	Massage Therapy Clinic 1	2.0
MTC 2	Massage Therapy Clinic 2	2.0
MTH 121	College Algebra – Part A	3.0
MTH 122	College Algebra – Part B	3.0

PHIL 1C	Ethics	3.0
PSY 1	Introduction to General Psychology	3.0
SOC 1	Introduction to Sociology	3.0
Total		63.0



Veterinary Technology

This program is offered at **Fresno**.

Program Description

SJVC's Veterinary Technology program 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.

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)

Professional Certifications

Graduates earn an Associate of Science degree and are qualified to sit for the California Veterinary Technician Examination (CA RVT) and the Veterinary Technician National Examination (VTNE). **SJVC** does not pay for any fees associated with securing certification.

On-Ground Program

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
BIO 32	Microbiology	3.0
ENG121	Reading and Composition – Part A	3.0
ENG122	Reading and Composition – Part B	3.0
MTH121	College Algebra – Part A	3.0
MTH122	College Algebra – Part B	3.0
PHIL1C	Ethics	3.0
PSY1	General Psychology	3.0
SOC1	Introduction to Sociology	3.0
VRT101	Anatomy and Physiology of Domestic Animals	5.0
VRT105	Fundamentals of Animal Nursing	3.0
VRT205	Laboratory Procedures	5.0
VRT104	Companion Animal Nursing	5.0
VRT207	Farm Animal Nursing	3.0

VRT208	Introduction to Pharmacology	3.0
VRT300	Beginning Diagnostic Imaging	2.0
VRT330	Beginning Surgical Assisting	3.0
VRT308	Advanced Pharmacology	3.0
VRT340	Advanced Surgical Procedures	5.0
VRT390	Veterinary Clinical Rotation	1.0
VRT403	Advanced Diagnostic Imaging Applications	2.0
VRT406	Exotic and Lab Animals	3.0
VRT407	Course Review and Essential Skills	2.0
VRT492	Externship	5.0
Total		74.0



Vocational Nursing

This program is offered at **Visalia**.

Program Description

SJVC's Licensed Vocational Nursing program trains students to have the skills 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.

Passing drug and alcohol testing, criminal history background checks, health screenings and immunizations are all conditions of acceptance for clinical and extern education in a health care setting. Students will be required to complete all screenings and immunization requirements of clinical sites prior to beginning clinical hours. The College will pay for the cost of required screenings and immunizations.



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

Applicants to the VN program are selected based on points earned in an evaluation process that includes assessment, transcript review, professional reference and personal interview. Enrollment is subject to the approval of the VN Program Director or his/her designee.

Graduation Requirements

Successful completion of all courses listed below with 74% or better in all VN courses, including general education, and meet the minimum requirement of the Health Insurance Portability and Accountability Act component; successful completion of the Career Services Seminar (CSS100)

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 application requires a background check. **SJVC** does not pay for fees associated with securing licensure. However, **SJVC** will reimburse the cost of the examination for graduates who provide proof they have passed the test.¹

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.

¹ Payment for retakes and subsequent examinations are the responsibility of the graduate.
Failure to sit for these exams does not constitute a refund or discount in tuition.

On-Ground Program

Course descriptions are listed in **Section 8**

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
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
Total		81.0	1900



GRADUATION REQUIREMENTS FOR THE ASSOCIATE OF SCIENCE DEGREE

An Associate of Science Degree will be awarded to students upon the satisfactory completion of the following requirements:

- A minimum of 60 units of college work,
- Completion of all required core courses,
- Completion of the program's general education requirements,
- Completion of the Career Services Seminar or equivalent,
- "C", 2.0 cumulative grade point average, and
- Fulfillment of any program-specific graduation requirements.³

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.**

Keyboarding

PROGRAM	NET WPM
Business Administration	45
Human Resource Administration	35
Medical Billing Specialist	35
Pharmacy Technology	35

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.



³ Program-specific graduation requirements are listed in the Program Descriptions.

GENERAL EDUCATION

General Education courses are offered on all **SJVC** campuses.

Philosophy

SJVC believes a well-rounded education is essential to a successful career. General Education courses are integrated into the programs and are designed to give students a diverse educational experience. Our General Education curriculum introduces students to the major areas of knowledge and guides them to develop thoughtful perspectives about life, others, and the world around them.

Breadth

To be a well-rounded educated person, it is vital that college graduates experience the variety of major areas of knowledge: communication, mathematics, humanities, natural sciences and social sciences. At **SJVC**, we have chosen a core curriculum of introductory courses designed to give students a broad experience in each knowledge area, encouraging inquiry and literacy throughout the curriculum.

Depth

The competencies of General Education can be found within each course a student takes at **SJVC**. In both General Education and vocationally-focused courses students will write, use technology, perform computations, and interact with others in a professional and ethical manner. Through our hands-on activities and real-world applications, Students practice the skills of critical thinking and analysis while anticipating future career situations. Through this cross-curricular approach to General Education skills and competencies, students gain a full education.

Rigor

To ensure application and retention of General Education principles, students are consistently challenged to apply their new

knowledge to real-life situations in their careers and personal lives. Authentic activities and assessment help measure their success. Through regular Program Review, using data, experience, and comparison to other accredited institutions as a framework, **SJVC** strives to ensure our General Education courses meet an appropriate level of rigor for college courses.

General Education Outcomes

PLOs

While General Education is not a program in and of itself at **SJVC**, but rather an integral part of each program offered, you will find the tenets of General Education represented within the Program Learning Outcomes (PLOs) of our career-focused programs in the following common Program Outcome:

*Upon completion of all programs at **SJVC**, the graduate will be able to 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.*

Each program, through its Assessment Plan, identifies the courses and Course Learning Outcomes that lead students to the achievement of this outcome, whether the course is vocational in nature or one of the General Education courses.

ILOs

General Education courses lead students directly to the success of the Institutional Learning Outcomes (ILOs) of **SJVC**. Our ILOs state that all graduates shall be professional, confident, skilled, educated citizens and communicators, and we find that General Education courses play a vital role in helping our students accomplish these outcomes. The student success on Course Learning Outcomes (CLOs) within the General Education courses provides assessment of our ILOs.

SJVC Required General Education Courses:

Course #	ENG 121/122	MTH 121/122	NSC 1	PHIL 1C	PSY1	SOC1
Course Title	Reading and Composition	College Algebra	Introduction to the Natural Sciences*	Ethics	General Psychology	Introduction to Sociology
Unit Value	6 units	6 units	3 units	3 units	3 units	3 units
MAJOR AREA OF KNOWLEDGE						
Language and rationality	●	●				
Humanities	●			●		
Natural Science			●			
Social Science					●	●
GENERAL EDUCATION SKILLS AND COMPETENCIES						
Written communication	●			●	●	●
Oral communication	●			●	●	●

Computer literacy	•	•	•	•	•	•
Information competency	•	•	•	•	•	•
Scientific and quantitative reasoning		•	•		•	
Critical analysis and logical thinking	•	•	•	•	•	•
Ethical and effective citizenship			•	•	•	•
Interpersonal skills	•			•	•	•
Respect for diversity	•	•	•	•	•	•

* In the RT, VN, and VT medical programs, students take various medical science courses instead of *Introduction to the Natural Sciences*.

* Students enrolled in the AMT program, study over 3 units of Physics within AERO 31 instead of taking *Introduction to the Natural Sciences*.

PROGRAMS OF STUDY LEADING TO A CERTIFICATE

BAKERSFIELD CAMPUS

Clinical Medical Assisting	102
Dental Assisting	104
Diagnostic Medical Sonography	105
Industrial Technology (Industrial Maintenance Technology)	108
Therapeutic Massage	114

FRESNO CAMPUS

Clinical Medical Assisting	102
Dental Assisting	104
Industrial Technology (Industrial Maintenance Technology)	108

HANFORD CAMPUS

Business Administration	101
Clinical Medical Assisting	102
Medical Office Administration	112

HESPERIA CAMPUS

Business Administration	101
Clinical Medical Assisting	102
Industrial Technology (Industrial Maintenance Technology)	108
Medical Office Administration	112
Pharmacy Technology	113

LANCASTER CAMPUS

Business Administration	101
Clinical Medical Assisting	102
Industrial Technology (Industrial Maintenance Technology)	108
Medical Office Administration	112
Pharmacy Technology	113

MADERA CAMPUS

Business Administration	101
Clinical Medical Assisting	102
Medical Office Administration	112

MODESTO CAMPUS

Business Administration	101
Clinical Medical Assisting	102
Industrial Technology (Industrial Maintenance Technology)	108
Medical Office Administration	112
Therapeutic Massage	114

ONTARIO CAMPUS

Business Administration	101
Clinical Medical Assisting	102
Industrial Technology (Industrial Maintenance Technology)	108
Medical Office Administration	112
Pharmacy Technology	113

TEMECULA CAMPUS

Business Administration	101
Clinical Medical Assisting	102
Dental Assisting	104
Medical Office Administration	112
Pharmacy Technology	113

VISALIA CAMPUS

Clinical Medical Assisting	102
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Dental Assisting	104
Industrial Technology (Industrial Maintenance Technology)	108
ONLINE DIVISION	
Business Administration.....	101
Clinical Medical Assisting	102
Human Resource Administration.....	107
Information Technology (effective March 23, 2015)	109
Medical Billing and Coding (effective March 23, 2015)	111
Medical Office Administration	112



Business Administration Certificate

This program is offered at **Hanford, Hesperia, Lancaster, Madera, Modesto, Online, Ontario and Temecula.**

Program Description

SJVC's Business Administration program 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.

Program Student Learning Outcomes

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

1. Perform general business functions
2. Demonstrate resource management and accounting skills
3. Demonstrate a working understanding of economics and marketing and how they correlate to current global business trends
4. Demonstrate keyboarding and ten key skills commensurate with industry standards
5. Demonstrate proficiency in Word, Excel, PowerPoint, and accounting software
6. Interact confidently and communicate effectively with businesses and community organizations
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, minimum keyboarding speed of 45 net wpm, and successful completion of the Career Services Seminar (CSS100)

Professional Certifications

Graduates earn a Certificate of Completion and are eligible to take the Microsoft ® Office Specialist exam for certification in Word, PowerPoint® and Excel ®. The fees for these examinations is paid for by **SJVC**!

On-Ground Program

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
ACT 101	Principles of Accounting	5.0
BA 210	Business Writing	2.0
BUS 102	Business Math	3.0
BUS 160	The Modern Office Professional	3.0
BUS 170	Strategic Management & Leadership	3.0
BUS 180	Marketing & Sales	3.0
CMP 101	Introduction to Microsoft Office I	5.0
CMP 102	Introduction to Microsoft Office II	5.0
HR 100	Human Resource Management and Administration	2.0
Total		31.0

Online Program

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
BUS 100	Introduction to Business	5.0
BUS 125	Administrative Operations and Procedures	5.0
BUS 135	Professional and Technical Writing	5.0
BUS 145	Business Math	5.0
CMP 101	Introduction to Microsoft Office I	5.0
HR 155	Human Resource Management and Administration	5.0
Total		30.0

¹Failure to sit for the exam does not constitute a refund or discount in tuition.



Clinical Medical Assisting Certificate

This program is offered at **Bakersfield, Fresno, Hanford, Hesperia, Lancaster, Madera, Modesto, Online, Ontario, Temecula and Visalia.**

Program Description

SJVC's Medical Assistant program prepares graduates to work as Medical Assistants in medical offices, and specialty clinics. Training helps students learn the skills required to be a valuable member of the healthcare team.

The program includes an externship which allows students to further their studies in a real-world medical environment. This clinical training enhances student learning and helps graduates develop work experience. Students will be required to complete all health screening and immunization requirements of extern site prior to beginning externship hours. The College will pay for the cost of required screenings and immunizations.

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 appropriate certification exams
5. 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); and meeting minimum requirement of Health Insurance Portability and Accountability Act certification.

Professional Certifications

Graduates earn a Certificate of Completion and are eligible to sit for the California Certified Medical Assistant (CCMA) exam, offered by the California Certifying Board for Medical Assistants CCBMA). Fees for this examination are reimbursed to the student by **SJVC** for their first attempt.¹ Online students are eligible to sit for the National Certified Medical Assistant (NCMA) exam offered by the National Center for Competency Testing (NCCT). **SJVC** pays the fees for this examination if taken within six months of graduation. Graduates also earn HIPAA certification, CPR and First Aid certification.

¹Failure to sit for the exam does not constitute a refund or discount in tuition.

On-Ground Program

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
HCP202	Microsoft Office for Healthcare Professionals	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
MAP 105	Laboratory Procedures	5.0
MAP 115	Pharmacology and Medication Administration	5.0
MAP 125	Clinical Procedures	3.0
MAP 500	Externship	4.0
HCP203	Medical Office Management	3.0
Total		31.0



Online Program

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Hours
CMA 121	Basic and Advanced Phlebotomy Theory	5.0
CMA 141	Medical Assisting Competencies	5.0
CMA 161	Introduction to Pharmacology and Administration of Medication	5.0
CMA 170	Medical Office Applications and Communications	5.0
CMA 501	Exam Preparation	1.0
CSS 100	Career Services Seminar	P/F
HTH 107	Anatomy/Physiology and Medical Terminology	6.0
HTH 500	180 hour Externship and Professional Experience	4.0
Total		31.0



Dental Assisting Certificate

This program is offered at **Bakersfield, Fresno, Temecula, and Visalia.**

Program Description

SJVC's Dental Assisting program includes all aspects of working with a dentist, including patient care, office and laboratory duties. Our balance of hands-on experience with classroom instruction covers dental assisting skills and related theory. Whether training for a career in chairside assisting or any combination of other dental office duties, students are well prepared for a career in dental assisting upon completion of the program.

Program Student Learning Outcomes

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

1. Identify and analyze the laws and regulations of the Dental Board and maintain the standards of a Dental Healthcare Provider
2. Meet eligibility requirements for employment and the California Registered Dental Assistant's State Board examination by achieving standardized course learning outcomes in the following areas of expertise: CPR, Dental Radiology, Infection Control and Dental Practice Act: Law and Ethics, Coronal Polish, Pit and Fissure Sealants
3. Perform all direct patient care duties legally assigned to the unlicensed dental assistant and Registered Dental Assistant
4. Assist during commonly practiced dental procedures, including but not limited to, direct and indirect restorations, fixed prosthodontics, endodontics and orthodontic treatment
5. 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
6. Demonstrate the social skills, professional appearance, attitudes and behavior that employers expect of all SJVC graduates



Admission Requirements

- Applicant must be age 18 by their expected start date.

Graduation Requirements

Successful completion of the courses listed below, meeting the minimum requirement of the Infection Control, Radiology, Coronal Polish, Pit and Fissure Sealants, CPR and HIPAA components; successful completion of the Career Services Seminar (CSS100)

Professional Certifications

Graduates earn a Certificate of Completion and additional certifications in Dental Radiation Safety, CPR, Infection Control and Dental Law and Ethics. With the completion of coronal polish and pit and fissure sealants, students are eligible to take the Dental Board of California Examination for state licensure.

State Licensure

Graduates are eligible to apply for and take the Dental Board of California Examination for State Licensure as a Registered Dental Assistant. **SJVC** does not pay for any fees associated with securing licensure; however, **SJVC** will reimburse the cost of fingerprinting and the RDA examination to graduates who pass within one year of graduation and provide proof of licensure.

On-Ground Program

Course descriptions are listed in **Section 8.**

Course ID	Course Name	Credit Units	Credit Hours
DA 105	Orientation to Dentistry	5.0	90
DA 110	Dental Anatomy and Patient Management	5.0	90
DA 115	Dental Regulations and Pre-Laboratory	5.0	90
DA 230	Dental Radiology	5.0	90
DA 235	Restorative Procedures	2.0	45
DA 305	Prosthodontics and Endodontic Specialties	2.0	45
DA 310	Periodontic and Oral Surgery Specialties	2.0	45
DA 315	Pediatric and Orthodontic Specialties	2.0	45
DA 405	Preventative Clinical Procedures	4.0	90
DA 515	Externship and Professional Experience	5.0	265
DA 520	RDA Licensure Review Seminar	2.0	45
Certificate Program Total		39.0	940

Diagnostic Medical Sonography Certificate

This program is offered at **Bakersfield**.

Program Description

SJVC's Diagnostic Medical Sonography program prepares students to work in the medical field as an entry level general sonographer. Students learn 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 health care team as it pertains to diagnostic results. Students complete extensive clinical practice in California hospitals and clinics to gain real-world experience.

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.



Admission Requirement:

Applicants must be at least 18 years of age.

Prerequisites:

A minimum of a "C" grade completed at a regionally accredited college or university in the following courses:

- Writing & Composition
- Intermediate Algebra or Higher
- Anatomy and Physiology
- Medical Terminology

Applicants to the Diagnostic Medical Sonography Program are selected based on points earned in an evaluation process that includes assessment, transcript review, professional reference and personal interview. Enrollment is subject to 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 academic and clinical work. Students must also meet the minimum requirement of the HIPAA component and successfully complete the Career Services Seminar (CSS100)

Professional Certifications

Graduates earn a Certificate of Completion in Diagnostic Medical Sonography. Graduation from this program does not, by itself, make one eligible for the ARDMS certifying examination. Graduates with previous health studies education with certification in that field are eligible for the ARDMS certifying examination; all others must have 1,680 hours experience as a diagnostic medical sonographer before they are eligible to sit for the ARDMS examination. **SJVC** will reimburse the cost of the fees for the examination.

On-Ground Program

Course descriptions are listed in **Section 8**

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
Total		70.0



Human Resource Administration Certificate

This program is offered **Online**.

Program Description

SJVC's Human Resource Administration program offers training in the procedures, policies, and practices found in today's human resource departments. Students develop the professional 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. These computer skills are valuable to human resource specialists, but they are also important skills to have for a variety of positions.

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 net 35 wpm; and successful completion of the Career Services Seminar (CSS100)

Professional Certifications

Graduates earn a Certificate of Completion and are prepared to take the Microsoft® Office Specialist Exam for certification in Word, PowerPoint® and Excel®. **SJVC** pays the fees associated with this examination.¹

Online Program

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
CMP 101	Introduction to Microsoft Office 1	5.0
CMP 102	Introduction to Microsoft Office 2	5.0
HRA 21	Human Resource Fundamentals	5.0
HRA 22	Regulations and Laws Affecting Human Resources	5.0
HRA 23	Accounting and Payroll Management	5.0
HRA 24	Ethics in Human Resources	5.0
Total		30.0

¹Failure to sit for the exam does not constitute a refund or discount in tuition.

Industrial Technology (Industrial Maintenance Technology) Certificate

This program is offered at **Bakersfield, Fresno, Hesperia, Lancaster, Modesto, Ontario, and Visalia.**

Program Description

SJVC's Industrial Technology (Industrial Maintenance Technology) program is designed to provide fundamental, hands-on training of industrial systems and equipment. Students study and master the basic principle, applications, concepts, and functions of hydraulic systems, bearing and seal types, and power transmission components. Practical instruction is performed 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 (CSS100)

On-Ground Program

Course descriptions are listed in **Section 8.**

Course ID	Course Name	Credit Units
IT 101	Basic Industrial Electricity	10.0
IT 110	Power Transmission	5.0
IT 120	Fluid Power	5.0
IT 201	Programmable Logic Controllers	10.0
Total		30.0

Information Technology Certificate

This program is offered **Online** (effective March 23, 2015).

Program Description

SJVC's Information Technology (InfoTech) program provides students with the knowledge and skills for a variety of careers in the information technology industry. Students who enroll in the program will take foundational core courses in computer hardware and software and will then go on to complete five additional courses in one of the following concentrations: Networking & Telecommunications, Security, Database Development, and/or Web Development. This program is designed to prepare students for multiple industry-standard certifications offered through CompTIA®, Microsoft®, ISC2®, CWNP, and Adobe. These certifications can greatly enhance students' job opportunities and future career success.

Program Student Learning Outcomes

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

1. Apply critical thinking and problem solving skills in InfoTech solutions.
2. Apply current techniques and tools in the development, deployment, and evaluation of InfoTech solutions.
3. Describe and implement network technology.
4. Follow best practices in information security.
5. Design and develop a database using professional principles and standards.
6. Design a secure network infrastructure.
7. Design and develop a website using professional principles and standards.
8. Manage a secure network infrastructure.



Graduation Requirements

Successful completion of the courses listed below; completion of the certification exam(s) aligned with the student's selected concentration of study and submission of exam results to *SJVC*; and successful completion of the Career Services Seminar (CSS100)

Professional Certifications

Graduates earn an Associate of Science Degree, and, based upon their selected concentrations, are eligible to take the exams through CompTIA®, Microsoft®, ISC2®, CWNP, and Adobe. First time exam fees are paid by *SJVC*.¹

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
Core Course Requirements		
COMP101	Computer Literacy and Applications for the Professional	3.0
COMP102	A+ Hardware	3.0
COMP103	A+ Software	3.0
PHIL 1C	Ethics	3.0
Network & Telecommunications Concentration Course Requirements		
COMP150	*Security +	3.0
COMP120	Network	3.0
COMP121	Windows Server Install & Conf	4.0
COMP122	Windows Server Admin	4.0
COMP123	Wireless Local Area Networks	4.0
COMP224	Certificate Review - Networking	1.0

Database Development Concentration Course Requirements

COMP130	Concepts of Database	3.0
COMP131	Database Systems	4.0
COMP132	Structured Query Language	4.0
COMP133	Microsoft SQL Server	4.0
COMP234	Certificate Review-Database Administration	1.0

Web Development Concentration Course Requirements

COMP140	Intro to Web Design	3.0
COMP141	HTML	4.0
COMP142	JavaScript	4.0
COMP143	Web Devlp w/Adobe Dreamweaver	4.0
COMP244	Certificate Review-Web Development	1.0

Security Concentration Course Requirements

COMP151	Network Security	3.0
COMP152	Penetration Testing	4.0
COMP153	Computer Forensics	4.0
COMP155	Advanced Systems Security	4.0
COMP254	Certificate Review - Security	1.0

Total **31.0**

¹ Payment for retakes and subsequent examinations are the responsibility of the graduate. Failure to sit for these exams does not constitute a refund or discount in tuition.



Medical Billing and Coding Certificate

This program is offered **Online** (effective March 23, 2015)

Program Description

SJVC's Medical Billing and Coding program provides in-depth training for the position in the financial side of healthcare that includes 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



Graduation Requirements

Successful completion of the courses listed below; completion of the Certified Professional Coder (CPC) certification exam and submission of exam results to SJVC⁴; minimum keyboarding speed of 40 wpm with no more than 3 errors in a 5 minute timed writing; achieve minimum standard of the Health Insurance Portability and Accountability Act (HIPAA) component; and the successful completion of the Career Services Seminar (CSS100).

Professional Certifications

Graduates earn a Certificate of Completion and are eligible to take the CPC certification examination administered by the AAPC. Graduates earn a typing certificate and also certifications in HIPAA, CPR/BLS-HCP, and first aid.

Course descriptions are listed in **Section 8**.

Course ID	Course Name	Credit Units
HCP101	Structural Anatomy and Terminology	3.0
HCP102	Body Systems Anatomy and Terminology	3.0
HCP103	Foundational Office Skills	2.0
HCP201	Diseases and Disorders	3.0
HCP202	Microsoft Office for Health Care Professionals	3.0
MOP110	Medical Insurance Principles	5.0
MOP120	CPT and HCPCS Coding	3.0
MOP140	ICD Coding	3.0
BUS102	Business Math	3.0
MBC105	Body Systems and Pathology	3.0
MBC125	CPT Coding	3.0
MBC210	Medical Coding Practicum	3.0
MBC220	Medical Coding Seminar	1.0
Total		38.0

⁴ Payment for retakes and subsequent examinations are the responsibility of the graduate.

Medical Office Administration Certificate

This program is offered at **Hanford, Hesperia, Lancaster, Madera, Modesto, Online, Ontario, and Temecula.**

Program Description

SJVC's Medical Office Administration program provides in-depth training for the front office position of a busy medical practice or facility. Hands-on experience and classroom instruction include the study of office management, patient recordkeeping, bookkeeping and accounting, 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. 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 requirements of 35 net wpm, and achieve the minimum requirement of the HIPAA component; successful completion of the Career Services Seminar (CSS100).

Professional Certifications

Online graduates earn a Certificate of Completion and are eligible to sit for the National Certified Medical Office Assistant (NCMOA) exam or the National Certified Insurance & Coding Specialist (NCICS) exam offered by the National Center for Competency Testing (NCCT). **SJVC** pays the fees for one of these examinations if taken within six months of graduation. Graduates also earn HIPAA certification, CPR and First Aid certification.

On-Ground Program

Course descriptions are listed in **Section 8.**

Course ID	Course Name	Credit Units
HCP202	Microsoft Office for Healthcare Professionals	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
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 500	Externship	3.0
MOP 510	Externship Seminar	1.0
HCP203	Medical Office Management	3.0
Total		31.0

Online Program

Course descriptions are listed in **Section 8.**

Course ID	Course Name	Credit Units
BCS 101	Basic Computer Skills	5.0
HCM 40	Medical Insurance Principles	5.0
HCM 102	CPT, HCPS, and ICD Coding	5.0
HCM 103	Health Care Management	5.0
HCM 105	Hospital Billing and Legal Issues in Insurance	5.0
HTH 107	Anatomy/Physiology and Medical Terminology	6.0
Total		31.0



Pharmacy Technology Certificate

This program is offered at **Hesperia, Lancaster, Ontario, and Temecula.**

Program Description

SJVC's Pharmacy Technology program 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 externship 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 higher in all PT courses; achieve keyboarding speed of 35 net wpm; meet the minimum requirement of the Health Insurance Portability and Accountability Act (HIPAA) component; and successful completion of the Career Services Seminar (CSS100)

State Licensure

Graduates are eligible to apply for licensure with the California State Board of Pharmacy. A criminal background check will be conducted to determine if an act has been committed that constitutes grounds for denial. **SJVC** will pay for the criminal background check, application, and registration fees.

On-Ground Program

Course descriptions are listed in **Section 8**

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 312	Pharmacy Business Simulations and Computer Applications	3.0
PHR 512	Clinical Experience	2.0
PHR 513	Externship	1.0
Total		30.0

Therapeutic Massage Certificate

The College is no longer enrolling new students in this program. For more information, please see an Admissions Advisor.

Program Description

SJVC's Massage Therapist program prepares students to practice massage therapy in a variety of professional environments including medical offices, private practices, spas and salons, and sports clinics. The program covers massage and bodywork therapy techniques, as well as massage therapy business practices and customer/client relations.

Program Student Learning Outcomes

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

1. Assess client and safely perform the most relevant type of massage and bodywork therapy for the client's situation, condition, and special needs
2. Perform administrative duties including recordkeeping, appointment scheduling, and ordering supplies
3. Recognize emergency situations and perform life-saving skills of CPR and first aid properly and in a timely manner
4. Communicate effectively orally and in writing using correct medical terminology and demonstrate the skills required to be prepared for professional certification exams
5. Exhibit the highest standards of ethical conduct and maintain a safe and clean working environment
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 and clients expect of all SJVC graduates



Graduation Requirements

Successful completion of all courses listed below; successful completion of the Career Services Seminar (CSS100)

Professional Certifications

Graduates earn a Certificate of Completion in Therapeutic Massage and HIPAA Certification. Graduates are eligible to sit for the National Certification Examination for Massage and Bodywork Therapy (NCMTMB).

On-Ground Program

Course descriptions are listed in **Section 8**

Course ID	Course Name	Credit Units
BIO 24	Anatomy and Physiology	4.0
BIO 110	Clinical Pathology	3.0
BUS 104	Business Essentials/Professional Development	3.0
CPR 1	CPR/First Aid	1.0
ENG 121	Composition and Reading – Part A	3.0
MAS 110	Introduction to Eastern Theory and Shiatsu Techniques	4.0
MAS 120	Palpation and Myology	4.0
MAS 130	Swedish Therapeutic Massage Technique	4.0
MTC 1	Massage Therapy Clinic 1	2.0
MTH 121	College Algebra – Part A	3.0
Total		31.0



GRADUATION REQUIREMENTS FOR THE CERTIFICATE OF COMPLETION

SJVC will issue Certificates of Completion to those students who satisfactorily complete the requirements and are able to demonstrate proficiency and competency in a prescribed vocational training program. The certificate is widely recognized and accepted by employers as verification of job preparedness and skill achievement. Certificates of Completion are issued to those students completing a prescribed vocational program under all of the following conditions:

- Students are required to complete all courses of the certificate program with a 2.0 cumulative grade point average or better.
- Substitutions or a waiver of required courses are not allowed.
- Completion of the Career Services Seminar or equivalent: *The Career Services 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.*

Most certificate courses can be applied toward an Associate of Science degree. Students who intend on obtaining a certificate and a degree should see their admissions representative for general education and other requirements beyond those required for their certificate.

KEYBOARDING REQUIREMENTS

PROGRAM	NET WPM
Business Administration	45
Human Resource Administration	35
Medical Office Administration	35
Pharmacy Technology	35

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.

SECTION 8

COURSE DESCRIPTIONS

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ALPHABETIC LIST OF COURSE DESCRIPTIONS

AC 100: Basic Air Conditioning Theory and Applications **5.0 units – 90 hours**

This course introduces, discusses and demonstrates the practical applications of the physical properties of air, (psychometrics), blueprint interpretation, floor plan layout, calculating building heat loads, air distribution systems, types of air conditioning equipment and systems, codes, and installations. This course also introduces various heating systems and EPA, Section 608.

AC 302: Intermediate Air Conditioning **2.0 units – 45 hours**

This course applies pictorial and schematic wiring diagrams, interpretation and various techniques for problem analysis and troubleshooting of air conditioning and heating units. Students will work with gas, propane furnaces.

AC 400: Advanced Air Conditioning **2.0 units – 45 hours**

This course includes: refrigerant recovery/recycle practices, proper evacuation procedures, major component replacement and brazing techniques, leak testing methods, system charging procedures, system performance analysis, problem analysis, diagnostics and repair procedures for heating and air conditioning systems including heat pumps. In addition, this course prepares the students for the HVAC-R industry certification.

ACT 101: Principles of Accounting **5.0 units – 90 hours**

This course examines the Generally Accepted Accounting Principles, the purpose and nature of accounting systems, the accounting cycle, and their relation to function. Subjects covered include accounting careers, the basic accounting equation, the double entry accounting system, financial statements, general ledger, general journal, the accounting worksheet, adjusting entries, closing entries, post closing trial balance and automated accounting.

ACT 102: Intermediate Accounting **3.0 units – 45 hours**

This course examines the theory, concepts and practices of accounting, and their relation to function. Emphasis will be on financial statements and year-end accounting, accounting for merchandising inventory, accounting for partnerships and corporations, automated accounting and analysis of related accounting functions.

AERO 30: Aircraft Basic Science **9.0 units – 256 hours**

This course provides a review of blueprint reading, mechanical drawings, fabrication of fluid lines and fittings, nondestructive testing methods, aircraft hardware and material identification, precision measuring techniques, aircraft corrosion control, and FAA documentation. Students will also use FAA and manufacturers' specifications and discuss mechanic privileges and limitations. **A grade of "C" or better is required to earn credit for this course**

AERO 31: Basic Electricity and Electronics **9.0 units – 256 hours**

Math concepts and application, basic electricity and electronics involving capacitance, inductance, volts, ampere, resistance and AC/DC circuits will be reviewed. The use of and interpretations of electrical schematics, flow-charts and diagrams is emphasized. This course will also cover the inspection and servicing of aircraft batteries and the physics of an aircraft with emphases on flight characteristics and weight & balance. **A grade of "C" or better is required to earn credit for this course.**

AERO 32: Reciprocating Engine Theory and Engine Overhaul **9.0 units – 256 hours**

This course will focus on the inspection and repair of reciprocating engines. Operational concepts of reciprocating aircraft engines and accessories, and the overhaul of a piston engine with removal and inspection of a piston engine will be covered. The student will also learn the procedures involved in the inspection and servicing of engine instrument systems. **A grade of "C" or better is required to earn credit for this course.**

AERO 33: Sheet Metal Structures and Airframe Auxiliary Systems **9.0 units – 256 hours**

This course will cover aircraft sheet metal fabrication including layout, drilling, and riveting. There will be a continued study of the fabrication and repair of plastics, honeycomb and bonded aluminum structure. This course will also cover autopilot, communication and navigation systems. **A grade of "C" or better is required to earn credit for this course.**

AERO 34: Turbine Engines **9.0 units – 256 hours**

This course will focus on the inspection, servicing, troubleshooting, overhauling, and repair of turbine engines and supporting elements. Powerplant, electrical and auxiliary systems are also covered. **A grade of "C" or better is required to earn credit for this course.**

AERO 35: Composite Structures **9.0 units – 256 hours**

Inspection and repair of wood, composite and fabric-covered structures, techniques for aircraft conformity and airworthiness inspection, techniques involved with aircraft electronic systems, including autopilot, communication and navigation systems, and techniques involving the application of aircraft finishes, including paint and dope, will be examined in this course. This course will also include techniques of welding and the fabrication and repair of structures by welding. **A grade of "C" or better is required to earn credit for this course.**

AERO 36: Propellers and Engine Auxiliary Systems **9.0 units – 256 hours**

This course will focus on the inspection, troubleshooting, overhaul, and repair techniques of carburetors, engine fuel metering systems and components. Engine fire detection and extinguishing systems, propellers and propeller control systems, and engine auxiliary

systems are also covered. **A grade of "C" or better is required to earn credit for this course.**

AERO 37: Aircraft Landing Gear

9.0 units – 256 hours

This course will cover the inspection, troubleshooting and repair of landing gear retraction systems, including shock struts, wheels, brakes, and tires. Topics include: checking and servicing of fuel management and dump systems, inspection and repair of aircraft auxiliary systems, including ice and rain control, smoke and carbon monoxide warning systems, and fire detection and extinguishing systems and landing gear. **A grade of "C" or better is required to earn credit for this course.**

AERO 51: Professional Licensing Seminar

2.0 units – 96 hours

The focus of this course is the review and practical application of the AMT license examination. Students will prepare for both the written and practical examinations. The course also covers a review of the professional opportunities for the AMT graduate. **A grade of "C" or better is required to earn credit for this course.**

AMA 33: Medical Insurance

3.0 units – 45 hours

This course presents a comprehensive look at medical insurance billing requirements and skills necessary to successfully file claims and effect collection of payment for medical services given.

AMA 223: Medical Office Management and Computer Applications

5.0 units - 90 hours

In this course, students will learn the skills necessary to manage the front office of a health care facility. They will learn to manage Electronic Health Records (EHR) and basic procedures for processing fee-for-service, insurance and coding procedures for various insurance and HMO applications. Students will demonstrate patient and appointment management, telephone procedures, as well as the operation of software used to run the modern medical office facility. Keyboarding skills are a part of each class session.

APMT 1: Anatomy, Physiology, Medical Terminology

5.0 units – 90 hours

This course provides an overview of medical terminology including basic word construction, abbreviations and symbols used in the profession. An extensive study of the human body includes basic chemistry, organization, cells, tissues, membranes and human diseases. Emphasis is placed on the integumentary, skeletal, muscular, nervous, sensory, endocrine, circulatory, lymphatic, respiratory, digestive, urinary, and reproductive systems. **A grade of "C" or better is required to earn credit for this course.**

BA 210: Business Writing

2.0 units – 45 hours

This course focuses on the effective writing techniques utilized in business to produce various communications and documents, including business letters, minutes and reports, and dictation and note taking. Proper grammar, mechanics, number usage, vocabulary, and proofreading are emphasized as well as style, appearance, tone,

and reader appeal. The importance of oral communication in business is also covered.

BCS 101: Basic Computer Skills

5.0 units – 90 hours

The course is designed to provide the student with an introduction to the components of the Microsoft Office Suite. Emphasis of the class will be Microsoft Word, Microsoft Excel, and PowerPoint. Students will be tested for skill competency on a regular basis. Keyboarding skills are part of each class session. Students will participate in timed keyboarding skill tests.

BIO 24: Human Anatomy and Physiology

4.0 units – 75 hours

This course provides an introduction to the structure and function of the major organs, essential structures, and physiological principles of the human body with emphasis on primary organ systems to students in health majors. Integration of multi-organ functions and relevant terminology will be included.

BIO 31: Microbiology

4.0 units – 75 hours

An introduction to microbiology covering the fundamental aspects of taxonomy, morphology, classification, genetics and reproduction, physiology, nutrition and growth, control, host – parasite relationships, and immunology. Bacteria, fungi, protozoa, and viruses and their roles and importance in the biological world will be covered. Basic techniques for culturing, staining, counting and identifying microorganisms are emphasized in the laboratory.

BIO 32: Microbiology

3.0 units – 45 hours

An introduction to microbiology covering the fundamental aspects of taxonomy, morphology, classification, genetics and reproduction, physiology, nutrition and growth, control, host – parasite relationships, and immunology. Bacteria, fungi, protozoa, and viruses and their roles and importance in the biological world will be covered. Basic techniques for culturing, staining, counting and identifying microorganisms are emphasized in the laboratory.

BIO 110: Clinical Pathology

3.0 units – 45 hours

An introduction of the major systems of the human body, signs and symptoms of various diseases, indications and extreme cautions of Therapeutic Massage for various disorders, and the physiology of the disease process. Emphasis on the abnormal health conditions frequently encountered in a Therapeutic Massage practice and gives special attention to massage contraindications, precautions and indications. The symptomology and etiology of each condition, review of medical approaches to treatment and the potential positive or negative impact of Therapeutic Massage on the particular pathology are also discussed. Students will study the principles of disease control and universal precautions; learn symptoms of infectious diseases and how these diseases are transmitted. Students will learn to develop the necessary skills to make safe and effective decisions in the Therapeutic Massage practice.

BIO 210: Palpation and Kinesiology**3.0 units – 45 hours**

Kinesiology is an in-depth study of the anatomy and physiology of the human body in motion. This course discusses the scope of kinesiology, a definition of movement as it applies to the body, basic biomechanical concepts and principles as they relate to the dynamics and analysis of human motion and the attachments of major muscle groups are emphasized as they relate to types of muscle contraction. Some commonly seen pathologies with kinesiological origins are covered with respect to their soft tissue assessment, massage approaches, and exercise indications. Students will learn to consider their clients' biomechanical histories and apply their understanding of human motion to serve their clients' soft tissue conditions.

BIOL 45: Human Physiology**5.0 units – 105 hours**

This course provides the integrated study of the function of cells, organs, and systems in maintaining homeostasis. Physiological principles and concepts are supported with laboratory activity.

BUS 100: Introduction to Business**5.0 units – 90 hours**

Concepts, principles, and operations of the private enterprise system are identified in this course. Students compare and contrast sole proprietorships, partnerships, and corporations, and learn the advantages and disadvantages of each. This course also discusses the functions of modern business management, marketing, ethics, and social responsibility. Human resource management is described, as well as how employers can motivate their employees. Bookkeeping, accounting, financial management and financial statements are also examined.

BUS 102: Business Math**3.0 units – 45 hours**

This course focuses on the fundamentals of arithmetic processes, decimals, fractions, weights and measures. Special attention is given to percentages, interest calculations, and general business math. Ten key operations are included in this course.

BUS 125: Administrative Operations and Procedures**5.0 units – 90 hours**

This course focuses on the primary skills and duties of the Administrative Business Specialist. Topics covered include telephone techniques, office equipment use, appointment scheduling and management, telecommunications, and other effective communication methods and techniques. Meeting and agenda planning, travel arrangements, and human relations will also be covered. An introduction and overview of records management methods will be introduced. Organization, time and stress management, and communication are incorporated into all aspects of this course.

BUS 135: Professional and Technical Writing**5.0 units – 90 hours**

This course focuses on effective writing techniques in the field of business to produce various communications and documents, including business letters, minutes and reports, emails, dictation and note taking. Focus is placed on the utilization of Microsoft Outlook

as a communication method prevalent in the current field. Proper grammar, mechanics, number usage vocabulary, and proofreading are emphasized, as well as style, appearance, tone, and reader appeal.

BUS 145: Business Math**5.0 units – 90 hours**

This course focuses on the fundamentals of arithmetic processes, decimals, fractions, weights and measures. Special attention is given to percentages, interest calculations, and general business math. Ten key operations are included in this course. This course is designed to provide introductory and intermediate skills in Microsoft Office Excel through hands-on operations and practice of simulated business projects and activities. Students will learn to build a worksheet using commands such as copying, formatting, identifying ranges, and the functions of formulas. Skill competency will be assessed throughout this course. Keyboarding skills are included.

BUS 160: The Modern Office Professional**3.0 units – 45 hours**

This course prepares students to transition from the classroom to today's computerized office. Students will develop time management, organization, communication, telecommunication, and email skills. Students will create professional documents, meeting agendas, memos and office email messages throughout the course. A number of projects will be assigned in which students experience and resolve common problems encountered in the modern office environment.

BUS 170: Strategic Management and Leadership**3.0 units – 45 hours**

This course focuses on strategic management and leadership in the business world. Students will examine and analyze strategic planning questions. Other topics include: Analytical and critical thinking development, competitive advantage and positioning, global environment, identification of opportunities and threats, and implementing strategy. Students will analyze case studies and participate in scenarios in conjunction with strategic management concepts, theories and models.

BUS 180: Marketing and Sales**3.0 units – 45 hours**

This course provides a foundational and comprehensive overview of marketing and sales philosophies, activities, practices, and processes. Additional topics include external and internal factors of marketing, market segmentation, global marketing concepts, consumer decision-making, consumer products, advertising and sales promotion and personal selling. A strategic marketing plan will be defined and developed.

BUS 400: Business Capstone**3.0 units – 45 hours**

This course is designed to give students a small business experience and opportunity to apply their business skills to simulated entrepreneurial circumstances. Students will apply skills and practice all aspects of a typical, small business operation: planning, financing, staffing, pricing, purchasing, inventory control, advertising and promotion.

CHE 3A: Introduction to General Chemistry**4.0 units – 75 hours**

This course focuses on composition of matter and physical and chemical changes; fundamental laws and principles; atomic and molecular structure; acid-base chemistry, redox, equilibria; qualitative and quantitative techniques and theory.

CJ 4: Criminal Law**3.0 units – 45 hours**

This course explores the historical development and philosophy of law as well as reviews the constitutional provisions. In addition, this course defines and classifies a variety of crimes, such as crimes against persons, property, and the state.

CJ 14: Juvenile Law and Procedures**3.0 units – 45 hours**

This course identifies techniques for handling juvenile offenders and victims, prevention and repression of delinquency, diagnosis and referral procedures for juveniles, and the organization of community resources. Juvenile law and juvenile court procedures will also be covered.

CJ 41: Advanced Threat Analysis**2.0 units - 45 hours**

This course examines the history, current trends, and management of workplace violence. The student will learn how to plan to reduce the risk of such incidents, identifying potential offenders, reacting to intruders and advising employers of proactive policies regarding appropriate legal and moral obligations as per the OSAH General Duty Clause. Domestic and International terrorist groups are identified and their agendas outlined.

CJ 60A: Adult Corrections Officer Core Course**15.0 units – 270 hours**

This course meets the training requirement as set forth by the California Board of Corrections, Section 179 and 1020 of Title XV, California Administrative Code, and fulfills the mandatory training requirements for Corrections/Custodial Officers who are assigned to custody positions in city/county/private jails or facilities. The content is job-related and is certified by Standards and Training for Corrections (STC Certification #601-1253). Training in First Aid and CPR is included.

CJ 61A: PC 832 – Laws of Arrest**3.0 units – 45 hours**

This is the mandatory introductory course of training prescribed by the Commission on Peace Officer Standards and Training (POST) for every person described in the Penal Code as a peace officer. This training is required for all Correctional/Custodial Officers in California. This course meets Reserve Level III requirements. This course is provided through a POST certified outside contractor. All standards of attendance and professionalism are in effect. Should a student fail the course, the student assumes responsibility for all costs associated with retake.

CJ 61B: PC 832 – Firearms Course**2.0 units – 45 hours**

This course includes the mandatory introductory course of firearms training prescribed by the Commission on Peace Officer Standards and Training (POST) for every person described in the Penal Code as a peace officer who carries a firearm. This training is required for all Correctional/Custodial Officers in California who carry a firearm during the course of their employment and meets Reserve Level III requirements. Also included in this course is an 8-hour Bureau of Security and Investigative Services (BSIS) Power to Arrest Guard Card training, which a security guard must complete prior to being placed on a post. All students must have a handgun, holster, and a reloading device for their weapon to participate in firearms training. The firearms portion of this course is provided through a POST certified outside contractor, and BSIS training is provided by a certified BSIS instructor. All standards of attendance and professionalism are in effect. Should a student fail the course, the student assumes responsibility for all costs associated with retake.

CJ 62A: PC 832 Laws of Arrest**3.0 units – 45 hours**

This is the mandatory introductory course of training prescribed by the Commission on Peace Officer Standards and Training (POST) for every person described in the Penal Code as a peace officer. This training is required for all Correctional/Custodial Officers in California. This course meets Reserve Level III requirements. This course is provided through a POST certified outside contractor. All standards of attendance and professionalism are in effect. Should a student fail the course, the student assumes responsibility for all costs associated with retake.

CJ 62B: PC 832 Police and Security Weapons**2.0 units – 45 hours**

This is the mandatory introductory course of firearms training prescribed by the Commission on Peace Officer Standards and Training (POST) for every person described in the Penal Code as a peace officer that carries a firearm. This training is required for all Correctional/Custodial Officers in California that carry a firearm. The course meets Reserve Level III requirements. All students must have a handgun, holster, and a reloading device for their weapon to participate in firearms training. This course is provided through a POST certified outside contractor. All standards of attendance and professionalism are in effect. Should a student fail the course, the student assumes responsibility for all costs associated with retake.

CL 110: Computer Literacy and Applications for Healthcare Professionals**2.0 units – 45 hours**

This course provides an introduction to computer concept with Word and Excel processing through hands-on operation. Topics include information on basic computer technology, file management, creation and execution of documents and spreadsheets and e-mail. Computer activities include Internet research and the creation of various documents and reports related to the medical field.

CMA 31: Medical Laboratory Procedures 1**2.0 units – 45 hours**

The theory and technique of electrocardiograms (ECG), hematology, chemistry, lab values and various other lab procedures are discussed and performed in this course. **A grade of "C" or better is required to earn credit for this course.**

CMA 41: Medical Laboratory Procedures 2**2.0 units – 45 hours**

The review of theory and techniques of venipuncture, hematology, and various other lab procedures are discussed and performed in this class. An introduction to radiology is provided. **A grade of "C" or better is required to earn credit for this course.**

CMA 42: Medical Office Simulations and Professional Development 2**3.0 units – 45 hours**

This course will focus on professional development and preparing for the Registered Medical Assistant (RMA) exam. The course includes the review and application of clinical skills and concepts such as medical terminology, body systems, injections, vital signs, venipuncture, and the use of surgical instruments. Keyboarding skills are part of each class session. Students will participate in discussion of customer service, human relations and professional behavior applications throughout this course.

CMA 121: Basic and Advanced Phlebotomy Theory**5.0 units – 90 hours**

This course covers essential techniques and step-by-step procedures for venipuncture and various specimen collections focusing on the Medical Assistant's scope of practice for laboratory procedures. Topics include Occupational Safety and Health Administration (OSHA) and Clinical Laboratory Improvement Amendment (CLIA) regulations, universal precautions, infection control and sterile techniques. An overview of anatomy and physiology of the circulatory system and hematology are introduced. The Medical Assistant's responsibility in providing patient education, quality care, and demonstrating professional behavior are emphasized throughout this course.

CMA 141: Medical Assisting Competencies**5.0 units – 90 hours**

This course focuses on the role of the Medical Assistant in assisting with various exams. Students will be introduced to fundamental clinical skills such as obtaining and recording vital signs, preparing rooms and setting up trays. Topics include OSHA guidelines, regulations, ambulation and mobility instruction, basic concepts of diet and exercise and the theory of cardiopulmonary resuscitation (CPR), First Aid, emergency procedures and medical office safety procedures. An overview of anatomy, physiology, and medical terminology related to the cardiovascular and respiratory systems are covered. In addition, students will receive an introduction to basic concepts of radiology. The Medical Assistant's responsibility in providing patient education, quality care and demonstrating professional behavior are emphasized throughout this course.

CMA 161: Introduction to Pharmacology and Administration of Medication**5.0 units – 90 hours**

This course will review the anatomy, physiology and terminology as it pertains to pharmacology, injections, immunizations, and medication administration. Patient charting and instrumentation for injections and general medical procedures pertaining to the administration of medication are covered. Students will learn the components of a prescription and the terminology associated with medication orders. Students will review basic math concepts and learn dosage calculations. The Medical Assistant's responsibility in providing patient education, quality care, and demonstrating professional behavior are emphasized throughout this course. **A grade of "C" or better is required to earn credit for this course.**

CMA 170: Medical Office Applications and Communication**5.0 units – 90 hours**

This course provides comprehensive HIPAA (Health Insurance Portability and Accountability Act) compliance training and focuses on communication skills, telephone etiquette, and the administrative duties performed in a medical office. Students are introduced to basic computer concepts with an emphasis on the application of medical office practice management software and word processing software. Professional development and employment skills are covered in this course. Patient education, quality care and professional behavior are emphasized throughout this course.

CMA 201: Medical Assisting Applications 1**2.0 units – 45 hours**

This course teaches pharmacology, administration of medication, and the skills of patient preparation and assessment for various clinical procedures. A review of injection sites, injection techniques and various other clinical procedures as well as health and nutritional concepts are included in this course. **A grade of "C" or better is required to earn credit for this course.**

CMA 202: Medical Assisting Applications 2**2.0 units – 45 hours**

This course teaches the skills required for various clinical procedures. Basic equipment set-ups, step-by-step procedures, venipuncture techniques and specimen collection are included in this course. **A grade of "C" or better is required to earn credit for this course.**

CMA 501: Exam Prep**1.0 unit – 15 hours**

This course will focus on professional development and preparing for appropriate certification examinations. This course includes review of clinical skills and concepts of medical terminology, body systems, injections, vital signs, venipuncture, prescription drug dosage calculations and the use of surgical instruments.

CMP 101: Introduction to Microsoft Office 1**5.0 units – 90 hours**

This course is designed to provide introductory and intermediate skills in Microsoft Office through hands-on operations and practice of simulated business projects and activities. Emphasis is placed on

Word and PowerPoint applications. This course includes functions such as word processing, document formatting, mail merge, automating your work, and organization and arrangement of PowerPoint presentations. Skills competency will be assessed throughout this course. Keyboarding skills are included.

CMP 102: Introduction to Microsoft Office 2

5.0 units – 90 hours

This course is designed to provide introductory and intermediate skills in Microsoft® Office through hands-on operations and practice of simulated business projects and activities. Emphasis is placed on Excel and Access applications. Students will learn to build a worksheet using commands such as copying, formatting, identifying ranges, and the functions of formulas. Students will also learn the basics of Access, how to create, maintain, and work with a database. Skill competency will be assessed throughout this course. Keyboarding skills are included.

CMP 110: Computer Applications in Construction Management

5.0 units – 90 hours

This course provides a foundational approach to Construction Industry software, including a basic introduction to Estimating and Project Scheduling. The curriculum is designed to provide a fundamental overview of the software packages that students will utilize in subsequent coursework.

CO 2: Introduction to Administration of Justice

3.0 units – 45 hours

This course covers the history and philosophy of justice as it has evolved throughout the world. This course offers an in-depth study of the American system and the various sub-systems, roles, and role expectations of criminal justice agents and their interrelationship with society; concepts of crime causation; punishment and rehabilitation; ethics; and education in training relating to professionalism in the social system.

CO 3: Criminal Procedures

3.0 units – 45 hours

This course examines the legal processes of search warrants, reasonable cause for detention of a person, probable cause for arrest, criminal trials, procedural hearings, and sentencing. This course offers a review of the history of case and common law, conceptual interpretations of law as reflected in court decisions, a study of case law methodology and case research, and how the decisions impact the procedures of the justice system. Students will also be introduced to the legal aspects of evidence.

CO 5: Community and Human Relations

3.0 units – 45 hours

This course explores the roles of administration of justice practitioners and their agencies. Through interaction and study, the student becomes aware of the interrelationships and role expectations between the various members of the system and the public. Professional development and employment skills including resume writing, interview techniques, and personalized job search planning will also be covered in this class. The final grade in this

class includes projects and assignments related to professional development and employment skills.

CO 8: Introduction to Investigation

3.0 units – 45 hours

The fundamentals of investigation are introduced in this course through the following topics: techniques of crime scene search and recording, collection and preservation of physical evidence, modus operandi, sources of information, interview and interrogation, and follow-up investigation.

CO 10: Writing for Criminal Justice

3.0 units – 45 hours

This course focuses on the techniques of communicating facts, information, and ideas effectively in a simple, clear, and logical manner using the various types of criminal justice terminology. The use of English and organization of information, introduction to computer keyboarding, word processing, data entry, and report writing are also included.

CO 20A: Introduction to Corrections

3.0 units – 45 hours

This course examines a survey of the field of correctional science through historical development, current concepts and practice, and explanations of criminal behavior. The functions and objectives of the criminal justice system concerned with institutional, probation, and the parole processes as they modify the offender's behavior are also covered. A survey of professional career opportunities in public and private agencies will be introduced.

COM 100: Strategic Communications

3.0 units – 45 hours

This course explores communication in the workplace. The course will study group dynamics, work relationships, and cultural awareness. The course will focus on the importance of verbal, non-verbal and listening skills as effective communication tools. Conflict management, leadership skills, and public presentation strategies will be covered in this course. Critical thinking is encouraged through written and/or oral assignments and case studies.

COMP 101: Computer Literacy & Applications for the Professional

3.0 units – 45 hours

This course provides an introduction to computer concepts with Word and Excel processing through hands-on operation. Topics include information on basic computer technology, file management, creation and execution of documents and spreadsheets and e-mail. Computer activities include Internet research and the creation of various documents and reports.

COMP 102: A+ Hardware

3.0 units – 45 hours

This course is designed to introduce the student to the basics of installing, configuring, maintaining, upgrading, diagnosing, troubleshooting, and networking recent and current personal computer hardware. Students will also learn concepts of computer hardware technology and the terminology that is used across the industry.

COMP 103: A+ Software**3.0 units – 45 hours**

This course is designed to introduce the student to the basics of installing, configuring, maintaining, upgrading, diagnosing, troubleshooting, and networking using personal computer software. Students will properly configure software for proper security and also support software on mobile devices.

COMP 120: Network+**3.0 units – 45 hours**

This course is designed to introduce the student to the basics of installing, configuring, and troubleshooting basic networking hardware, protocols and services. Students will also learn concepts of computer network technology and the terminology that is used across the industry.

COMP 121: Windows Server Installation and Configuration**4.0 units – 75 hours**

This course is designed to provide the student with the knowledge and skills for installing and configuring Microsoft Windows Server 2012. Students will learn how to install and configure Server Core, configure server roles and features, create virtual machines, manage core networking services, deploy Active Directory, and manage hosts.

COMP 122: Windows Server Administration**4.0 units – 75 hours**

This course is designed to provide the student with the knowledge and skills needed to administer and manage servers using Microsoft Windows Server 2012. Students will learn how to maintain servers, configure print and file services, configure network services and access, configure Network Policy Server infrastructure, and manage user accounts using Group Policy and Active Directory.

COMP 123: Wireless Local Area Networks (LAN)**4.0 units – 75 hours**

This course is designed to provide the student with the knowledge and skills for installing and configuring wireless local area networks. Students will learn the fundamentals of wireless data transmissions, wireless LAN standards, security, and management and troubleshooting.

COMP 130: Concepts in Database Management**3.0 units – 45 hours**

This course is designed to introduce the student to database management including topics such as basic database terminology, database management systems and their functions, advantages and disadvantages of database processing, the relational database model, database normalization, and database administration. Students will also cover advanced topics such as views, indexes, security, referential integrity, the system catalog, and the use of stored procedures, triggers, and data macros. After taking this class, students will be able to explain how databases work on a basic and detailed level, and how technicians interact with databases in the workplace.

COMP 131: Database Systems**4.0 units – 75 hours**

This course is designed to introduce the student to the important aspects of fundamental database concepts including the relational database model, database normalization, structured query language, transaction management, performance tuning, distributed database management, and the role of databases in business intelligence and decision support. Students will also learn the role of database administration, security, and connectivity.

COMP 132: Structured Query Language**4.0 units – 75 hours**

This course is designed to introduce the student to structured query language (SQL), including topics such as the use of typical SQL commands, single- and multi-table queries, database administration, and SQL functions and parameters. In addition, students will learn the various aspects of database design fundamentals.

COMP 133: Microsoft SQL Server**4.0 units – 75 hours**

This course is designed to introduce the student to Microsoft SQL Server 2012, including topics such as database architecture and design, security, data integrity, performance optimization, backup and recovery, and system monitoring. In addition, students will learn the core skills and develop the confidence necessary to become an effective database administrator on Microsoft SQL Server 2012.

COMP 140: Introduction to Web Design**3.0 units – 45 hours**

This course is designed to provide the student with the knowledge and skills needed to create, edit, and manage web sites. This course examines developing and enhancing web sites using HTML and CSS, site layout planning and navigation, and using typography, colors, images, and data tables. It also explores creating web sites across different operating systems, browsers, and devices.

COMP 141: HTML**4.0 units – 75 hours**

This course is designed to provide the student with the knowledge and skills needed to use HTML for creating and maintaining web sites. This course examines creating and editing a web page using inline style sheets, creating tables in a web site using an external style sheet, creating an image map, creating pop-up windows, adding scrolling messages, and validating forms.

COMP 142: JavaScript Programming**4.0 units – 75 hours**

This course is designed to provide the student with the knowledge and skills needed to use the JavaScript programming language for developing web applications. Topics include developing applications for touchscreen and mobile devices, using the jQuery library, building arrays, working with forms and strings, and using object-oriented JavaScript.

COMP 143: Web Development with Adobe Dreamweaver**4.0 units – 75 hours**

This course is designed to provide the student with the knowledge and skills needed to use Adobe Dreamweaver to design and author

websites effectively. This course examines the Dreamweaver interface, features, and functionality. Topics includes working with text and cascading style sheets, images, links and navigation, style sheets, forms, and interactive elements.

COMP 150: Security+

3.0 units – 45 hours

This course is designed to introduce the student to the basics of enterprise and personal security. Topics to be covered include network security, compliance and operational security, threats and vulnerabilities; application, data and host security, access control and identity management, and cryptography.

COMP 151: Network Security

3.0 units – 45 hours

This course is designed to provide the student with the knowledge and skills to design and manage network perimeter defenses. Topics covered include intrusion detection, firewalls, security policies, network address translation (NAT), packet filtering and analysis, proxy servers, virtual private networks (VPN), and analyzing network traffic signatures.

COMP 152: Penetration Testing

4.0 units – 75 hours

This course is designed to introduce the fundamentals of penetration testing. Topics covered include scanning tools, sniffers, spoofing, session hijacking, denial-of-service attacks, and programming exploits.

COMP 153: Computer Forensics

4.0 units – 75 hours

This course is designed to provide the student with the knowledge and skills to perform computer forensics. This course focuses on techniques and practices for gathering and analyzing evidence used to solve crimes involving computers by using current forensics software.

COMP 155: Advanced Systems Security

4.0 units – 75 hours

This course is designed to provide the student with the knowledge and skills needed to administer and manage security systems on an advanced level. This course examines security theory and concepts, access control, telecommunications and network security, information security governance and risk management, software development security, cryptography, security architecture and design, operations security, business continuity and disaster recovery planning, compliance, and physical (environmental) security.

COMP 224: InfoTech Industry Certification Exam Preparation – Networking

1.0 unit – 30 hours

This course will provide the student with various methods and strategies to successfully complete industry certification examinations related to Information Technology courses completed. Students will develop a personalized plan for industry certification exam preparation. Additionally, professional quality artifacts of learning will be reviewed and assembled for inclusion in the graduate portfolio.

COMP 234: InfoTech Industry Certification Exam Preparation – Database

1.0 unit – 30 hours

This course will provide the student with various methods and strategies to successfully complete industry certification examinations related to Information Technology courses completed. Students will develop a personalized plan for industry certification exam preparation. Additionally, professional quality artifacts of learning will be reviewed and assembled for inclusion in the graduate portfolio.

COMP 244: InfoTech Industry Certification Exam Preparation – Web

1.0 unit – 30 hours

This course will provide the student with various methods and strategies to successfully complete industry certification examinations related to Information Technology courses completed. Students will develop a personalized plan for industry certification exam preparation. Additionally, professional quality artifacts of learning will be reviewed and assembled for inclusion in the graduate portfolio.

COMP 254: InfoTech Industry Certification Exam Preparation – Security

1.0 unit – 30 hours

This course will provide the student with various methods and strategies to successfully complete industry certification examinations related to Information Technology courses completed. Students will develop a personalized plan for industry certification exam preparation. Additionally, professional quality artifacts of learning will be reviewed and assembled for inclusion in the graduate portfolio.

CON 100: Construction Materials

3.0 units – 45 hours

This course provides an overview and study of the principle construction materials used within the construction industry: concrete, masonry, metals, woods, and thermal materials. The course also examines the general requirements of a construction project and the techniques of project mobilization. This course focuses on CSI Divisions 1-7 (Master Format 1994) and is designed to accompany CON 120.

CON 105: Design Theory

3.0 units – 45 hours

This course is an introduction to architectural related design and working document evolution, including the design process, the establishment of architectural criteria, blueprint reading, technical specifications, and related and accompanying design and drawing development. In addition, students will enhance their critical communication skills necessary to interact with design professionals.

CON 106: Blueprint and Plan Reading

3.0 units – 45 hours

Students will learn a fundamental approach to construction industry blueprint and plan reading, focusing on both residential and commercial construction. They will also develop the skills needed to

learn to read the construction drawings that are used to communicate information about buildings. Students will utilize these skills in subsequent coursework.

CON 111: Materials and Architectural Design

5.0 units – 90 hours

This course provides an overview and study of the principal construction materials used within the construction industry and an introduction to architectural related design and working document evolution. Construction materials covered include concrete, masonry, metals, woods, thermal and moisture protection, openings, and interior finishes. The course examines the general requirements of a construction project and the techniques of project mobilization with a focus on CSI Divisions 1-9 and 31 (Master Format 2004). The design process, the establishment of architectural criteria, blueprint reading, technical specifications, and related and accompanying design and drawing development are also covered. In addition, students will enhance their critical communication skills necessary to interact with design professionals.

CON 112: Construction Documents and Methods

5.0 units – 90 hours

This course examines various documents utilized within the construction industry to record and communicate with others. The document practice introduced in this course will provide students with the exposure to proper communication procedures with project owners, designers, subcontractors, and local governmental agencies. This course also provides an overview and study of specialties, equipment, furnishings, special construction, conveying equipment, fire suppression, plumbing systems, heating, ventilating, air-conditioning, electrical, electronic safety, and security systems, used within the construction industry to complete a construction project. The course focuses on CSI Divisions 10-30, 32-48 (Master Format 2004).

CON 113: Construction and Labor Laws

5.0 units – 90 hours

This course focuses on federal and state labor-oriented regulations as applied to the construction industry practices. The student will investigate the interaction between technical and legal aspects of personnel administration practices, work force management, labor standards, employment discrimination, strikes and picketing, union organization, collective bargaining, pre-hire agreements, hiring hall referrals, union and non-union shop construction. This course also provides an orientation to the rules and regulations governing the construction industry, including building codes, state lien laws, contractor's license law, health and safety laws, worker's compensation, and employment insurance and taxes.

CON 114: Computer Applications and Strategic Communication

5.0 units – 90 hours

This course provides a foundational approach to Construction Industry software and how students use the software to employ effective communication in the field. The curriculum is designed to provide a fundamental overview of the software packages that students will utilize in subsequent coursework and provides the skills

for effective strategic communication and presentations through the use of practical exercises.

CON 115: Applied Math for Construction Management

3.0 units – 45 hours

This course provides topics in fundamental algebra to include: operations on expressions, variables, monomials, polynomials, solving and graphing linear equations and inequalities. Emphasis is placed on operations involving formulas, factoring, problem-solving, radicals, and rational expressions. This course also provides topics in fundamental plane geometry to include: congruence, similarity, perpendicular and parallel lines, angles, theorems, and properties of polygons and circles. Emphasis is placed on constructions and calculations for perimeter, area and volume of common and complex geometric figures. In addition, this course offers hands-on applications which allow students to relate and apply concepts, developed through inductive and deductive reasoning, to real world situations.

CON 116: Construction Business, Accounting and Financial Management

3.0 units – 45 hours

This course provides students with the fundamentals of business management, financial management and accounting for construction companies. Emphasis is placed on construction business strategic planning and organization, as well as the systems, methods and report analysis of accounting as it relates to construction management. Additionally, this course provides fundamental financial principles, focusing on cash flow for both company and project needs, methods and sources for financial resources, productivity analysis and financial analysis. Using inductive and deductive reasoning, students relate and apply the concepts, through hands-on applications to real world situations.

CON 120: Construction Methods

3.0 units – 45 hours

This course provides an overview and study of the equipment, systems, finishes, and manufacturing specialties used within the construction industry to complete a construction project. The course also focuses on CSI Divisions 8-16 (Master Format 1994) and is designed to accompany CON 100.

CON 125: Scheduling and Control

5.0 units – 90 hours

This course is the study and application of the critical path method, which includes planning, scheduling and control of the construction project. Students will discuss the use of logic, time assignment and computation, analysis, re-evaluation, computer applications, and management responsibilities. This course provides an introduction to the ethical problems and issues in modern society. Students will discuss current events related to ethical issues and participate in group discussions.

CON126: Project Scheduling and Strategic Communication

5.0 units – 90 hours

This course is the study and application of Critical Path Method which includes planning, scheduling and control of construction projects together with a foundational approach to Construction

Industry software. The student will discuss the use of logic, time assignment and computation, analysis, re-evaluation, computer applications, and management responsibilities.

CON135: Estimating & Bidding for Residential & Commercial Projects

5.0 units – 90 hours

This course focuses on the introduction to residential cost estimating, including: reading and interpretation of blue print, plans, specifications and other project documents; principles of building costs; estimate and construction cost control; and practice in preparing bids for prospective buyers. Techniques and rationale used for analysis in estimating residential, commercial, and heavy construction projects are discussed, along with format and preparation of competent construction cost estimates with an emphasis on computer applications. Students will plan and prepare competitive bids for the firm-price heavy construction projects.

CON 136: Labor and Construction Laws

3.0 units – 45 hours

This course provides an orientation to the rules and regulations that govern the construction industry. Students will study contract law, state lien laws, tort law, federal and state labor-oriented regulations, along with dispute resolution methods. They will discuss organized labor's role in construction industry practices.

CON 137: Quantity Survey, Estimating and Bidding for Construction

5.0 units – 90 hours

This course focuses on the introduction to residential and commercial cost estimating, including: reading and interpretation of blue print, plans, specifications and other project documents; principles of building costs; estimate and construction cost control; and practice in preparing bids for prospective buyers. Techniques and rationale used for analysis in estimating residential, commercial, and heavy construction projects are discussed, along with format and preparation of competent construction cost estimates with an emphasis on computer applications and mathematical formulas used in estimating.

CON 141: Construction Management Supervision

3.0 units – 45 hours

All the methods of field supervision in construction will be identified in this course. Topics will include administrative procedures, quality control, scheduling, and bidding. Students will also investigate and discuss basic principles of business management, how to be an effective manager, and the best practices of supervision, motivation, and leading a team to successful outcomes.

CON 145: Construction Project Management

5.0 units – 90 hours

This course will discuss the construction manager's relationship and interaction with internal organization, owner, architect, engineer, public, press, legal aid, unions, trades, equipment, utilities, insurance, finances, government and others. In addition, the student will examine the administration aspects as well as monitoring, budgeting, expediting, and achieving a quality construction project.

CON 146: Construction Project Management & Contract Documents

5.0 units – 90 hours

Students in this course will discuss the construction manager's relationship and interaction with internal organization, owner, architect, engineer, public, press, legal aid, unions, trades, equipment, utilities, insurance, finances, government and others. They will examine the administration aspects including monitoring, budgeting, expediting, and achieving a quality construction project, along with the various documents utilized within the construction industry to record, communicate and enter into legal agreements with others.

CON 155: Competitive Business Presentations and Strategic Communication

3.0 units – 45 hours

This course equips construction supervisors with the skills necessary to become effective communicators in the workplace. The goal of this course is to introduce a culture of open and accurate communication which will lead to trust between the construction supervisor and those who are intrinsic to his/her productivity of work flow. The course will focus on the importance of verbal, non-verbal, and listening skills as effective communication tools. Topics in this course include persuasion and negotiation strategies; constructive and corrective feedback; and electronic and written communication. Critical, active thinking and decision-making are expected and encouraged through group activity, class discussion, and self-reflective assignments. Students will learn the fact gathering process of organizational, presentation skills, and aids through preparation and execution of competitive business presentations.

CPR 1: CPR/First Aid

1.0 unit – 15 hours

Students will participate in First Aid, CPR (Cardiopulmonary Resuscitation) and basic life support training, including information essential for the development of student's first aid knowledge, skill ability, and personal judgment in basic life support using CPR.

CSA5: Network +

5.0 units – 90 hours

This course covers a wide range of vendor and product neutral networking technologies. At the end of this course, students will possess the knowledge needed to configure and operate a variety of networking products. Students will be prepared to take the Comp TIA Exam Network +. Successful completion of this exam leads to Network + Certification.

CSA20: Microsoft Client Operating Systems

2.0 units – 45 hours

This course teaches students the installation, configuration, and administration of a Microsoft client operating system. This course prepares the student for the Microsoft Certified Professional (MCP) exam.

CSA 32: Configuring the Active Directory

2.0 units – 45 hours

In this course students will learn to configure domain name systems, infrastructure, and additional server roles for information systems

incorporating Microsoft Windows Server Active Director. Students will also learn to install, configure, manage, and troubleshoot information systems incorporating Microsoft Windows Server Active Directory.

CSA42: Configuring Network Infrastructure

2.0 units – 45 hours

This course teaches students to install, configure, and troubleshoot information systems that incorporate a Microsoft Windows Server Network Infrastructure. Students will learn to manage information systems that incorporate a Microsoft Windows Server Network Infrastructure.

CSA56: Security +

5.0 units – 90 hours

This course focuses on the security in a network environment. Students will learn to implement and provide security for different environments, including the recommended practices for implementing a proper configuration of the cryptographic system, how to manage digital certificates and public keys, and how to create a disaster recovery plan and security policy. Students will be prepared to take the Security + certification exam upon the completion of this course.

CSA302: Intermediate Networking A

2.0 units – 45 hours

This course serves as a guide for Wide Area Network (WAN) technologies; connecting to a WAN; basic security and wireless concepts: routing and switching; the TCP/IP and OSI models; IP addressing; and implementing NAT and DHCP. This course, coupled with Intermediate Networking B, will prepare students for the Cisco CCENT (640-822) exam Certification.

CSA303: Intermediate Networking B

2.0 units – 45 hours

This course serves to build on the knowledge acquired in Intermediate Networking A for Wide Area Network (WAN) technologies; security and wireless concepts; routing and switching; the TCP/IP and OSI models; operating and configuring IOS devices; implementing NAT and DHCP; and configuring simple networks. This course, coupled with Intermediate Networking A, will prepare students for the Cisco CCENT (640-822) exam Certification.

CSS100: Career Services Seminar

Pass/Fail – 8 hours

Students will prepare for the job search process in this seminar. Through work with the Career Services Department, they will develop resumes, interview techniques, and networking skills needed for workplace success. The grade in this course is Pass/Fail and is based upon creation of a career portfolio, mock interviewing skills, and other professional development activities. **Passing this course is a graduation requirement.**

CST 3A: A + Certification A

5.0 units – 90 hours

This course is a comprehensive class which covers topics on how computers work, how hardware and software work together, the system board, floppy drives and other essential devices, hard drive

installation and support, troubleshooting fundamentals, customizing a personal computer system, understanding and managing memory, electricity and power supplies, supporting Windows 9x to Windows XP. Students will learn installing, maintaining, troubleshooting, upgrading and repairing PCs with specific coverage of the system board, floppy drives, hard drives, memory power supplies, troubleshooting fundamentals, customization and support of Windows 9x to Windows XP. This course prepares students for the A+ Certification Service Technician exam – core and PC modules. This course includes a lab component.

CST 4A: A + Certification Lab

5.0 units – 90 hours

In this course students will practice the necessary competencies for an entry-level IT professional who has hands-on experience in the lab or the field. They will learn the skills required to install, configure, upgrade, and maintain PC workstations, the Windows Operating System and SOHO networks. Students will be able to utilize troubleshooting techniques and tools to effectively and efficiently resolve PC, OS, and network connectivity issues and implement security practices.

CST 14A: Microsoft Server Operating Systems A

2.0 units – 45 hours

This course teaches students to install, configure, and troubleshoot information systems that incorporate Microsoft Windows Server operating systems.

CST 14B: Microsoft Server Operating Systems B

2.0 units – 45 hours

This course teaches students to manage, administer, and troubleshoot information systems that incorporate Microsoft Windows Server operating systems.

DA 105: Orientation to Dentistry

5.0 units – 90 hours

This course focuses on the study of basic principles of microbiology, embryology, and morphology as they relate to the oral environment and dentistry. Nutrition from a whole body concept and its interrelated effects on dental health and an introduction to standard infection control procedures will be covered in this course. Procedures of the Dental Healthcare Professional (DHCP) will be introduced in a simulated laboratory setting.

DA 110: Dental Anatomy and Patient Management

5.0 units – 90 hours

Emphasis of this course is on the basic study of the anatomy of the head and neck, blood supply of the head and neck and innervation of the teeth. This course also provides the theory as well as hands-on-approach to medical and dental emergencies. Emphasis is given to step-by-step procedures performed by the Dental Healthcare Professional (DHCP) and will be performed on typodonts in a laboratory setting, in a pre-clinical setting on patients and clinical observation of dental practice management in an extramural facility. This course will also present principles and practices of infection control, OSHA regulations, law and ethics, practice management, and communication.

DA 115: Dental Regulations and Pre-Laboratory**5.0 units – 90 hours**

This course provides theory as well as hands-on applications to basic dental materials, instrumentation, and equipment. Emphasis is given to step-by-step procedures performed by the Dental Healthcare Professional (DHCP) and will be performed on typodonts in a laboratory setting, in a pre-clinical setting on patients and clinical observation of dental practice management in an extramural facility. This course will also present principles and practices of infection control, OSHA regulations, law and ethics, practice management, and communication.

DA 230: Dental Radiology**5.0 units – 90 hours**

This course presents the principles of dental radiology, including terminology, characteristics, effects of exposure, safety precautions, protection, and monitoring. The course will also cover the clinical application of procedures involved in exposing, processing, and evaluating dental radiographs. Emphasis is given to step-by-step procedures performed by the Dental Healthcare Professional (DHCP) and will be performed on typodonts in a laboratory setting, in a pre-clinical setting on patients and clinical observation of dental practice management in an extramural facility. This course will also present principles and practices of infection control, OSHA regulations, law and ethics, practice management, and communication. Students will be required to expose radiographs on manikins and clinical patients. A certificate of completion in Radiology Safety will be issued to the student after successfully completing graduation requirements. Students must be 18 years of age to expose and process radiographs.

A grade of "C" or better is required to earn credit for this course.

DA 235: Restorative Procedures**2.0 units – 45 hours**

This course emphasizes the chairside application of restorative dentistry. The practical application of four handed dental techniques utilized in operative procedures will be covered. Emphasis is given to step-by-step procedures performed by the Dental Healthcare Professional (DHCP) and will be performed on typodonts in a laboratory setting, in a pre-clinical setting on patients and clinical observation of dental practice management in an extramural facility. This course will also present principles and practices of infection control, OSHA regulations, law and ethics, practice management, and communication.

DA 305: Prosthodontics and Endodontic Specialties**2.0 units – 45 hours**

In this course students will study the practical applications of advanced four-handed dental techniques within Endodontic and Prosthodontic specialties. Emphasis is given to step-by-step procedures performed by the Dental Healthcare Professional (DHCP) and will be performed on typodonts in a laboratory setting, in a pre-clinical setting on patients and clinical observation of dental practice management in an extramural facility. This course will also present principles and practices of infection control, OSHA regulations, law and ethics, practice management, and communication.

DA 310: Periodontic and Oral Surgery Specialties**2.0 units – 45 hours**

This course focuses on the study of basic surgical procedures. Procedures and instrumentation for a variety of oral and periodontal surgical procedures will be examined. The course also provides information on a variety of drug therapies commonly used to treat dental patients. Emphasis is given to step-by-step procedures performed by the Dental Healthcare Professional (DHCP) and will be performed on typodonts in a laboratory setting, in a pre-clinical setting on patients and clinical observation of dental practice management in an extramural facility. This course will also present principles and practices of infection control, OSHA regulations, law and ethics, practice management, and communication.

DA 315: Pediatric and Orthodontic Specialties**2.0 units – 45 hours**

The study and practical applications of advanced chairside dental techniques within pediatric dentistry and orthodontic dental specialties are covered in this course. Emphasis is given to step-by-step procedures performed by the Dental Healthcare Professional (DHCP) and will be performed on typodonts in a laboratory setting, in a pre-clinical setting on patients and clinical observation of dental practice management in an extramural facility. This course will also present principles and practices of infection control, OSHA regulations, law and ethics, practice management, and communication.

DA 405: Preventative Clinical Procedures**4.0 units – 90 hours**

This course presents the principles of preventive dentistry including coronal polish and pit and fissure sealants. Instruction in applicable oral anatomy, histology, physiology, oral pathology as well as normal and abnormal anatomical and physiological tooth descriptions will be covered. Students will be required to perform coronal polish and place pit and fissure sealants on laboratory typodonts as well as clinical patients. Emphasis is given to step-by-step procedures performed by the Dental Healthcare Professional (DHCP) and will be performed on typodonts in a laboratory and pre-clinical setting, on patients, and clinical observation of dental practice management in an extramural facility. This course will also present principles and practices of infection control, OSHA regulations, law and ethics, practice management, and communication. **A grade of "C" or better is required to earn credit for this course.**

DA 515: Clinical and Professional Experience**5.0 units – 265 hours**

This course relates to work experience in an extramural facility under direct supervision of the dentist. Students are required, once per week, to turn in completed hours and evaluations. This course is graded as a Pass or Fail. Failure of this course will result in the student repeating the clinical experience rotation.

DA 520: RDA Licensure Review Seminar**2.0 units – 45 hours**

This course gives the student the opportunity to review the theory and skills covered throughout the program in preparation for the written and practical RDA exam. This course is graded as a Pass or

Fail based on successful completion of an Exit Exam which simulates the state RDA exam. Pass rate for both the practical and written examinations is 75% or higher; failure to pass with 75% or higher will result in the student retaking the course.

DH 4: Periodontics 2

3.0 units – 45 hours

This course focuses on procedures applicable to the treatment of moderate to advanced periodontal disease, the maintenance of the periodontal patient, the assessment and treatment of periodontal emergencies, the ethical and clinical responsibilities in periodontal disorder, and the relationship and legal ramifications of periodontics in the broad scope of dentistry. **A grade of "C" or better is required to earn credit for this course.**

DH 10: Oral Biology

3.0 units – 45 hours

This course (with DH 110) covers the study of embryology and histology of oral structural formation, clinical recognition of normal oral structures, the physiological and structural functions of teeth and supporting tissues, and oral anatomy relative to the proper dental hygiene procedures. **A grade of "C" or better is required to earn credit for this course.**

DH 11: Oral Radiology

2.0 units – 30 hours

This course provides the didactic learning experiences to enable the student to distinguish the normal anatomical features of the oral cavity as they appear radiographically. Normal and pathological conditions, placing film for x-rays, and analyzing the quality of exposed radiographs will be covered. **A grade of "C" or better is required to earn credit for this course.**

DH 12: Head and Neck Anatomy

3.0 units – 45 hours

This course (with DH 112) covers the anatomical structures of the head and neck regions and relates these structures to the clinical practice of dental hygiene. **A grade of "C" or better is required to earn credit for this course.**

DH 13: Dental Health Education

2.0 units – 30 hours

This course covers the principles and practices of prevention and control of dental disease with emphasis on plaque control, motivation and chair-side patient education. **A grade of "C" or better is required to earn credit for this course.**

DH 14: Introduction to Clinic

2.0 units – 30 hours

This course provides an introduction to the clinical procedures and skills needed for dental hygiene. **A grade of "C" or better is required to earn credit for this course.**

DH 20: Local Anesthesia Lecture

1.0 unit – 15 hours

This course examines the pharmacology and physiology of local anesthetic agents and their proper use in dental hygiene therapy.

The anatomy of the Trigeminal nerve, the physiology of nerve conduction and the mode of action of local anesthetic agents are to be covered. Prevention and management of emergencies in the dental setting will be reviewed. The theory, rationale and protocol for nitrous oxide/oxygen administration will be explored. Students will have opportunity to administer local anesthesia and nitrous oxide/oxygen in the laboratory setting. **A grade of "C" or better is required to earn credit for this course.**

DH 21: General and Oral Pathology

4.0 units – 60 hours

This course examines the pathological processes of inflammation, immunology defense, degeneration, neoplasm, developmental disorders, and healing and repair. Abnormalities in the human body with a special emphasis on normal and abnormal conditions in the oral cavity are covered. **A grade of "C" or better is required to earn credit for this course.**

DH 22: Patient Management and Geriatrics

1.0 units – 30 hours

This course teaches the characteristics of individual patients, their motivation and management as well as interpersonal communications. Treatment of the compromised patient and myofunctional therapy is presented. **A grade of "C" or better is required to earn credit for this course.**

DH 24: Clinical Seminar 1

1.0 unit – 15 hours

This course provides expanded clinical learning experiences through lectures and demonstrations. Items to be introduced are instrumentation using gracey curets and files, air polishing, and management of medical emergencies. Items to be reviewed are principles of instrumentation, sharpening, and ultrasonic scaling. **A grade of "C" or better is required to earn credit for this course.**

DH 26: Community Oral Health

2.0 units – 30 hours

This course introduces students to the principles and practices of dental public health. Emphasis is placed on the role of the dental hygienist as an innovator of, and an educator in, community health programs. Public health issues will be introduced and thoroughly discussed. **A grade of "C" or better is required to earn credit for this course.**

DH 30: Periodontics 1

3.0 units – 45 hours

This course includes identification of the normal periodontium and recognition of deviations from normal; the etiology and principles of periodontal diseases, examination procedures, treatment and preventive measures. **A grade of "C" or better is required to earn credit for this course.**

DH 31: Pharmacology

2.0 units – 45 hours

This course includes the classification and study of drugs according to original, physical and chemical properties and the therapeutic

effect and values, particularly of drugs used in dentistry. **A grade of "C" or better is required to earn credit for this course.**

DH 32: Dental Materials

2.0 units – 30 hours

This course (with DH 132) covers the composition and use of various materials used in dental procedures, and the fundamentals of chair-side assisting while using dental materials. The concepts of the entire dental team in performing responsibilities in the care of oral dentition will also be covered. **A grade of "C" or better is required to earn credit for this course.**

DH 33: Clinic Seminar 2 Advanced Clinical Topics

1.0 unit – 15 hours

This course (in conjunction with DH 133) focuses on soft tissue diagnosis and evaluation. The student will enhance clinical understanding of comprehensive periodontal treatment plans by preparing various treatment plans. Students will learn criteria for use of advanced instrumentation strategies, soft tissue management and post-treatment procedures for use on (or applicable to) periodontally involved cases. **A grade of "C" or better is required to earn credit for this course.**

DH 42: Clinical Seminar 3

2.0 units – 30 hours

This course provides an expanded exposure to the clinical experience through development of case studies taken from the student's personal clinical practice. Case studies will be presented in class to fellow students. Occasional guest speakers from the dental specialty fields will provide case presentations as well. **A grade of "C" or better is required to earn credit for this course.**

DH 45: Nutrition

2.0 units – 30 hours

This course provides the basic principles of nutrition and their relationship to dental health. Students will perform dietary surveys and plan nutritional dietary programs. **A grade of "C" or better is required to earn credit for this course.**

DH 46: Legal and Ethical Responsibilities

1.0 units – 30 hours

This course looks at the ethical and legal considerations of practice in the field of dental hygiene. Fundamental factors, such as professional responsibility, decision making, and Health Insurance Portability and Accountability Act (HIPAA) of 1996 are addressed. This course covers the regulation of the practice of Dental Hygiene with the focus on the policies of the state dental practice act and the code of ethics of the American Dental Hygienists' Association. **A grade of "C" or better is required to earn credit for this course.**

DH 110: Oral Biology Lab

CR - 15 hours

Lab applications: The study of embryology and histology of oral structural formation, clinical recognition of normal oral structures, the physiological and structural functions of teeth and supporting tissues, and oral anatomy relative to proper dental hygiene procedures.

DH 111: Oral Radiology Lab

1.0 unit – 30 hours

This course provides the laboratory and clinical learning experiences to enable the student to distinguish the normal anatomical features of the oral cavity as they appear radiographically. Normal and pathologic conditions, placing film for x-rays, and analyzing the quality of exposed radiographs will be covered.

DH 112: Head and Neck Anatomy Lab

CR - 15 hours

Lab applications: this course covers the anatomical structures of the head and neck regions and relates these structures to the clinical practice of dental hygiene. **A grade of "C" or better is required to earn credit for this course.**

DH 114: Introduction to Clinic Lab

2.0 units - 120 hours

This course provides an introduction to the clinical procedures and skills needed for Dental Hygiene. **A grade of "C" or better is required to earn credit for this course**

DH 120: Local Anesthesia Lab

1.0 unit – 45 hours

This course examines the pharmacology and physiology of local anesthetic agents and their proper use in dental hygiene therapy. The anatomy of the Trigeminal nerve, the physiology of nerve conduction, and the mode of action of local anesthetic agents are to be covered. Prevention and management of emergencies in the dental setting will be reviewed. The theory, rationale, and protocol for nitrous oxide/oxygen administration will be explored. Students will have the opportunity to administer local anesthesia and nitrous oxide/oxygen in the laboratory setting. **A grade of "C" or better is required to earn credit for this course.**

DH 123: Clinical Practice 1

2.0 units – 120 hours

This course provides beginning experience in the treatment of adults and children utilizing skills of oral inspection, cancer screening, dental and periodontal charting, radiographic technique, plaque control instructions, scaling, polishing, and fluoride application. This course is graded Pass or Fail.

DH 124: Clinical Seminar 1

1.0 unit – 30 hours

Lab Application: This course provides an expanded clinical learning experience through lectures and demonstrations. Items to be introduced are instrumentation using gracey curets and files, air polishing, and management of medical emergencies. Items to be reviewed are principles of instrumentation, sharpening, and ultrasonic scaling. **A grade of "C" or better is required to earn credit for this course.**

DH 132: Dental Materials Lab

1.0 unit - 30 hours

This course (with DH 32) covers the composition and use of various materials used in dental procedures, and the fundamentals of chair-side assisting while using dental materials. The concepts of the entire

dental team in performing responsibilities in the care of oral dentition will also be covered.

DH 133: Clinical Seminar 2 Lab – Advanced Clinical Topics
1.0 unit - 30 hours

Lab applications: This course (with DH 33) focuses on soft tissue diagnosis and evaluation. The student will enhance clinical understanding of comprehensive periodontal treatment plans by preparing various treatment plans. Students will learn criteria for use of advanced instrumentation strategies, soft tissue management and post treatment procedures for use on (or applicable to) periodontally involved cases.

DH 134: Clinical Practice 2
3.0 units – 180 hours

This course provides the beginning learner experiences in the treatment of dental hygiene patients by expanding on the procedures and techniques introduced in earlier courses. This course is graded Pass or Fail.

DH 143: Clinical Practice 3
4.0 units – 240 hours

This course provides students with the opportunity to become competent in the clinical skills learned and practiced in previous clinical courses and to prepare them for success on their state and national board examinations. This course is graded Pass or Fail.

DH 399: Dental Hygiene Review Seminar 1
CR – 30 hours

This course presents an overview of all dental hygiene theory for the purpose of National Board Exam review. This course is not graded and does not receive credit.

DH 499: Dental Hygiene Review Seminar 2
1.0 unit – 30 hours

This course presents an overview of all dental hygiene theory for the purpose of National Board Exam review. Professional development and employment skills including resume writing, interview techniques, and personalized job search planning will be covered in this class. The final grade in this class includes projects and assignments related to professional development and employment skills. **A grade of "C" or better is required to earn credit for this course.**

DH 601: Dental Hygiene Review
CR – As needed

This course focuses on review for the Dental Hygiene National Board Exam. Students will be required to complete some of the course through self-study and completion of assignments, pre and post-tests. This course is not a requirement for obtaining a degree in dental hygiene. This course is graded Pass or Fail.

DH 602: Dental Hygiene Clinical Experience
CR – As needed

This course focuses on the clinical skills to be utilized during the State Dental Hygiene Exam. Patient selection, case management, and clinical practice will be covered. Students may use approved extramural dental sites for their clinical portion of the class.

Enrollment in this course is required for students to continue their clinical experience until the time of the California State Dental Hygiene Board Examination. Upon passing the California State Dental Hygiene Board Examination or showing satisfactory performance in the clinical setting, students will receive a passing grade. Enrollment in DH 602 may be extended through two additional California Dental Hygiene Board Examinations. This course is not a requirement for obtaining a degree in dental hygiene. This course is graded Pass or Fail.

DMS 200: Orientation to Ultrasound Imaging Seminar
Pass/Fail – 8 hours

This instructional seminar is a prerequisite to the DMS program. This seminar provides an overview of the scope and content of the DMS program. It focuses upon the elementary operational principles of diagnostic medical ultrasound, basic ultrasound terminology specific to the profession, anatomic imaging planes and body directions used in ultrasound imaging, and the image orientation on the ultrasound display. **A grade of "C" or better is required to earn credit for this course.**

DMS 210: Abdominal and Small Parts Ultrasound Imaging
6.0 units – 96 hours

This course covers the aspects of abdominal and small parts ultrasound scanning required for employment as an entry-level sonographer. Emphasis is placed upon basic anatomy and physiology, normal and abnormal ultrasound appearances of the organs of the abdominal cavity, retroperitoneum, breast, thyroid, parathyroid, prostate, and testes. The student will develop competency in assessing the ultrasonic appearance of normal versus abnormal images through the use of PowerPoint slides and studies. Clinical indications for ultrasound examination of the abdomen and small parts, and differential diagnoses will also be presented and considered. DMS 210 must be taken concurrently with DMS 210L. **A grade of "C" or better is required to earn credit for this course.**

DMS 210L: Abdominal and Small Parts Ultrasound Imaging Laboratory
5.0 units – 150 hours

This course focuses on the application of generally accepted scanning techniques and protocols utilized for ultrasound examination of the abdomen, related structures, and small parts. This course includes instruction and demonstration related to patient preparation and positioning employed to achieve optimum ultrasound images. Proper identification and representation of normal and abnormal anatomy is stressed. Laboratory demonstrations and scanning exercises coincide with DMS 210 to integrate and reinforce understanding of the didactic and hands on elements in sonographic evaluation of the abdomen and small parts. DMS 210L must be taken concurrently with DMS 210. **A grade of "C" or better is required to earn credit for this course.**

DMS 215: Fundamentals of Sonography
1.0 unit – 15 hours

This course provides a broad overview of the field of diagnostic medical sonography. It covers the history and evolution of ultrasound as an imaging modality, the sonographer's role, required

skills and abilities, and effective learning techniques. The student will learn causes of ergonomic injuries, how to prevent them, and causes of sonographer stress. Students will also discuss the different imaging modalities within the radiology department and their value in providing diagnostic information. **A grade of "C" or better is required to earn credit for this course.**

**DMS 220: Obstetrics and Gynecology Ultrasound Imaging
6.0 units – 96 hours**

This course is an in-depth study of the normal and abnormal conditions that affect the reproductive organs of the female pelvic cavity and the developing fetus, including cross-sectional anatomy, physiology, pathology, and pathophysiology. Emphasis is placed upon ultrasonic identification and assessment of the normal and pathological conditions of the uterus, ovaries and fetus. The sonographer's role in determining fetal biometry measurements, age, weight, and well-being is covered. Clinical indications and differential diagnoses for OB/GYN ultrasound examinations are also discussed. DMS 220 must be taken concurrently with DMS 220L. **A grade of "C" or better is required to earn credit for this course.**

**DMS 220L: Obstetrics and Gynecology Ultrasound
Imaging Laboratory
5.0 units – 150 hours**

Students learn proper scanning techniques and protocols used in ultrasound imaging of the gynecologic and obstetric patient. Emphasis is placed on recognition of normal versus abnormal anatomy, optimization of ultrasonic images, ultrasound documentation of findings, biometry measurements, and preparation of initial preliminary reports to the interpreting physician. Demonstration and instruction in patient preparation and patient positioning techniques are also included. DMS 220 didactic instruction and laboratory instruction coincide to reinforce and integrate theory and hands on scanning skills. DMS 220L must be taken concurrently with DMS 220. **A grade of "C" or better is required to earn credit for this course.**

**DMS 225: Patient Care for Sonographers
3.0 units – 52 hours**

This course presents the student with different aspects of patient care that are relevant to the sonographer. Focus is placed on patient/sonographer interaction, patient confidentiality and HIPAA compliance, sonographic positioning techniques, history taking, patient preparation for different ultrasound examinations, vital signs, body mechanics for patient transfer, techniques utilized for patients with tubing, standard precautions for infection control, aseptic/sterile technique, isolation techniques, emergency medical situations, caring for special needs patients, and communications with patients and other health care professionals. CPR/BLS training for the health care professional will be included. **A grade of "C" or better is required to earn credit for this course.**

**DMS 230: Introduction to Vascular Ultrasound Imaging
6.0 units – 96 hours**

This introductory course in vascular ultrasound introduces the student to the hemodynamic considerations of the arterial and venous vascular systems. Also covered are the principles and

techniques of spectral analysis, waveform analysis and interpretation, Color Doppler, and Power Doppler. The course focuses on the anatomy and physiology of the arterial and venous systems of the body, and the pathologies commonly encountered in those systems. The student will develop competency in assessing the ultrasonic appearance of normal versus abnormal images through the use of PowerPoint slides and studies. Emphasis will be placed on types of vascular ultrasound examinations most commonly ordered, the clinical indications for various types of vascular duplex examinations, differentiation of normal versus abnormal conditions, and interpretation of ultrasound findings. DMS 230 must be taken concurrently with DMS 230L. **A grade of "C" or better is required to earn credit for this course.**

**DMS 230L: Introduction to Vascular Ultrasound Imaging
Laboratory
5.0 units – 150 hours**

Students will learn standard ultrasound imaging techniques and protocols for duplex examination of the most commonly ordered vascular ultrasound examinations of the carotid arteries, upper and lower extremity arteries, upper and lower extremity veins, and abdominal vessels. The course is designed to prepare the student to perform the most common vascular ultrasound studies that may be required of the general sonographer. DMS 230 didactic instruction and laboratory instruction approximately coincide to integrate and reinforce theory and hands on scanning skills. DMS 230L must be taken concurrently with DMS 230. **A grade of "C" or better is required to earn credit for this course.**

**DMS 235: Professional Aspects of Sonography
1.0 unit – 15 hours**

The aspects of sonography as a career will be examined in this course. Topics of discussion include sonography career ladder opportunities, benefits of professional organizations, certification and registration advantages, medical ethics and legal aspects of sonography, professional behavior, sonographer employment venues, resume writing and interview techniques. **A grade of "C" or better is required to earn credit for this course.**

**DMS 240: Physical Principles & Instrumentation of
Ultrasound
6.0 units – 96 hours**

This course provides a firm foundation in the basic physical principles of ultrasound and the instrumentation relating to the ultrasound unit. Coursework includes the basic acoustic principles of ultrasound, propagation of ultrasound in tissue, the physics of pulsed ultrasound, Doppler principles, the components of the ultrasound imaging instrument, common artifacts in imaging, quality assurance, bio-effects, and safety in operation of the ultrasound imaging system. DMS 240 must be taken concurrently with DMS 420L. **A grade of "C" or better is required to earn credit for this course.**

**DMS 240L: Physical Principles & Instrumentation of
Ultrasound Laboratory
5.0 units – 150 hours**

This course emphasizes operation of the instrumentation controls required for optimum operation of the ultrasound imaging

instrument. Students are provided with hands on instruction in equipment operation and adjustment of gray scale and Doppler controls required for the production of ultrasound images. Maintenance of the ultrasound scanning unit and patient safety considerations in equipment operation are also covered. DMS 240 didactic instruction and laboratory instruction approximately coincide to integrate and reinforce theory and hands on scanning and equipment operation skills. DMS 240L must be taken concurrently with DMS 240. **A grade of "C" or better is required to earn credit for this course.**

DMS 250: Clinical Practicum I

10.0 units – 480 hours

During this course, the student will be assigned and directly supervised in a Diagnostic Medical Ultrasound imaging facility such as a hospital, clinic or imaging center. The student will be introduced to the clinical setting and departmental organization. Under direct supervision of a supervising sonographer or supervising physician and the school's Clinical Coordinator, the student will begin to acquire the hands-on skills necessary for the sonographer in a clinical site. This is accomplished through both observation of and participation in clinical case studies of patients undergoing ultrasound examinations. The student will be assessed on supervised clinical practice and completion of clinical assignments and task based performance objectives. **A grade of "C" or better is required to earn credit for this course.**

DMS 260: Clinical Practicum II

10.0 units – 480 hours

This course is designed as a more advanced continuation of Clinical Practicum I. The student will continue to perfect scanning skills in the clinical environment and to learn more advanced imaging techniques, protocols, and procedures required of the sonographer. The student will gain more experience in performing various ultrasound imaging of the patient undergoing abdominal, small parts, gynecologic, obstetric, or vascular ultrasound examinations. The student will be assessed on supervised clinical practice and completion of clinical assignments and task based performance objectives. **A grade of "C" or better is required to earn credit for this course.**

DMS 300: ARDMS Certifying Examination Review

1.0 unit – 20 hours

This course covers the application process and content specific outline information for the ARDMS Sonography Principles and Instrumentation examination, the Abdomen specialty examination, and the Obstetrics and Gynecology specialty examination. Registry examination preparation techniques and strategies for achievement of successful examination outcomes are included. Administration of mock examinations will enable the student to identify specific strengths and weaknesses in subject matter in order to self-correct and improve performance on the ARDMS examinations. Guidance and direction toward additional registry preparation tools and resources are provided. The grade earned in this course is Pass/Fail. **A grade of "C" or better is required to earn credit for this course.**

EC 100: Basic Electricity Theory and Applications

5.0 units – 90 hours

This course introduces, discusses and applies electron flow theory, magnetism, electrical generation and power distribution, conductors, insulators, fuses, DC and AC electricity and circuits, motors and motor circuits, air conditioning and refrigerating system components and circuits.

EC 200: Intermediate Electricity 1

5.0 units – 90 hours

This course identifies and discusses the control devices used in refrigeration and air conditioning systems, practice of electrical drafting skills, interpretation of pictorial and ladder writing diagrams, and problem analysis, using various diagnostic techniques for domestic and light commercial ventilation, refrigeration, and air conditioning systems.

EC 302: Intermediate Electricity 2

3.0 units – 45 hours

This course applies pictorial and schematic wiring diagrams, interpretation and various techniques for problem analysis and troubleshooting of domestic and light commercial refrigeration and air conditioning circuits.

EC 400: Advanced Electricity

2.0 units – 45 hours

This course applies pictorial and schematic wiring diagrams interpretation, problem analysis, and the application of all techniques for commercial refrigeration and air conditioning systems. This course also prepares students for HVAC-R industry certifications.

ECON 1: Economics

3.0 units – 45 hours

This course provides a general introduction and overview of economics and the role economics plays in society today. Topics in the course include taxes, the roles of supply and demand, elasticity, productivity, GDP, unemployment, competitive pricing, and the role of money in the economy. Students will discuss the impact these topics have on our economy and society. Students will understand and illustrate how each person's daily decisions affect the economy.

ENG 121: Composition and Reading – Part A

3.0 units – 45 hours

This is the first in a 2-part college level English course. In this course, students will learn the foundation of critically reading and writing in a variety of rhetorical modes. Students will read various essays and literature, and apply critical analysis to their own writing. Students will practice all aspects of the writing process, and by the end of Part B, they will meet a goal of writing a minimum of 6000 words through a variety of assignments.

ENG 122: Composition and Reading – Part B

3.0 units – 45 hours

This course is the second portion of our college level English course. By building on the skills learned in Part A, students will continue to critically read and write in a variety of rhetorical modes. Students will read various essays and literature, and apply critical analysis to their own writing. In this course they will build information literacy skills

through research, and describe the connection between effective communication and professionalism. Students will complete their goal of writing a minimum of 6000 words.

ESSM 2: Health Care Security and Safety Administration
2.0 units – 45 hours

This course covers the International Association for Healthcare Security and Safety curriculum and safety training for security officers. Topics include: public and community customer relations, self-protection and defense, report preparation and writing, judicial process, courtroom procedures, testimony, criminal and civil law, fire safety and emergency preparedness, hazardous materials and emergency response, and techniques for effective assaultive management.

ESSM 10: Industrial Safety
5.0 units – 90 hours

The fundamentals of safety planning and management in industrial settings are covered in this course. Students will identify common safety hazards and discuss the causes of accidents in the workplace. They will prepare to conduct safety inspections and employee trainings, write various safety plans and keep accurate Occupational Safety and Health Administration (OSHA) records. Students will earn certifications in OSHA basic 10-hour safety training, Confined Space Entry, and Oil Industry Safety (Passport).

ESSM 21: Applied Anatomy and Physiology
2.0 units – 45 hours

This course focuses on basic anatomy and physiology of the human body. Emphasis is placed on the use of anatomical knowledge to identify and assess critical emergency situations. Students will be prepared to effectively understand the process of human anatomy in relation to mental preparedness for emergency situations.

ESSM 33: HazMat/HazWoper
2.0 units – 45 hours

This course meets the requirements of Title 19 (Public Safety). This course examines the role of the first responder (peace officer, firefighter, emergency medical technician) in the handling of hazardous materials, as well as the role of all employers in hazardous materials waste operations and emergency response. The student will be familiar with the indicators and warning systems that identify specific types of hazardous materials in order to respond safely and effectively to hazardous materials incidents. The student will demonstrate a clear understanding of the need for safety, isolation and notification when acting as a first responder at the scene of a hazardous materials incident.

ESSM 43: Campus Security
2.0 units – 45 hours

This course focuses on the role and responsibilities of school security officers, security awareness in the educational environment, mediation and conflict resolution, strategies for management of disasters and emergencies, the dynamics of student behavior, and the law and liability issues inherent in the school environment. This course prepares the student with all of the necessary "Basic" training that allows them to be considered as a viable candidate to become an entry level Campus Security Officer. This course meets all

of the requirements of the Bureau of Security and Investigative Services of the State of California for Campus Security Officer.

ESSM 46: BSIS Security Officer Academy
5.0 units – 90 hours

This course is designed to meet the requirements AB 2880 training for Private Security Officers as mandated for registered Security Guards in the California Business and Professions Code. Topics include: efficient organizational structure and human resources management; exposed firearms for security officers; concepts of search, arrest, and self-defense; crime scene investigation and report writing; terrorism and weapons of mass destruction; courtroom procedures, testimony, criminal and civil law; and public and community customer relations. Students will conduct management and supervisory simulations using the most appropriate methodologies available. This course prepares them to obtain the Security Guard Training Certificate and the BSIS Exposed Firearm Certificate.

ESSM 50: EMT Academy
10.0 units – 180 hours

This course prepares students to work as Emergency Medical Technicians. As they prepare to become first responders, students will analyze the EMT role in relationship to other medical service providers and apply the principles of human anatomy and physiology to rescue situations. Students will learn how to assess and treat people during medical emergencies; rescue techniques for infants, children, and pregnant patients; and environmental and disaster management and control; Students will be placed in the field to work with the fire department to apply the skills and training learned in this course.

HCM 40: Medical Insurance Principles
5.0 units – 90 hours

This course covers career role and responsibilities of an insurance business billing specialist. Topics and subjects include: the basics of health insurance; CPT (procedural coding), ICD-9-CM (diagnostic coding), and HCPCS Level II Codes. This course also includes health care payers and managed care systems. Special plans which include Medicaid and other state programs, Medicare, TriCare, worker's compensation, and disability income insurance along with its benefits. Other topics include employment opportunities as an insurance billing specialist.

HCM 102: CPT, HCPCS, and ICD Coding
5.0 units – 90 hours

Students will learn coding concepts associated with the Current Procedural Terminology manual and the HCPCS code book. The Evaluation and Management, Anesthesia, Surgery, Radiology, Pathology/Laboratory, and Medicine sections will be covered with emphasis on Section Guidelines and proper code selection. The student will also cover 3 volumes from the International Classification of Diseases and Clinical Modification codebook. This will prepare the student to code medical diagnoses accurately for proper reimbursement of payments for services rendered by the medical provider.

HCM 103: Health Care Management**5.0 units – 90 hours**

In this course students will learn fundamental office procedures applied to health care administration. Students will study principles and techniques used in executing common office procedures such as answering the telephone, recognizing and preparing for medical office emergencies, scheduling, medical record keeping and charting, bookkeeping, and banking procedures. Students will discover the use of computer software for completing administrative tasks involving insurance billing, records management, and practice management.

HCM 105: Hospital Billing and Legal Issues in Insurance**5.0 units – 90 hours**

This course is designed to introduce the student to the basics of hospital billing and correct completion of the UB-04 claim form through a practical, focused approach. Students will also learn and respond to patient right to privacy laws, collection procedures, medical ethics and legal ramifications as they relate to health care insurance procedures.

HCP 101: Structural Anatomy and Terminology**3.0 units – 45 hours**

The course focuses on the foundational principles of structural body systems, such as the skeletal, muscular, and nervous systems, and common diseases and disorders related to these systems. The course emphasizes the effective use of medical terminology through the study of the principles of word construction, elements, abbreviations, and symbols with emphasis on spelling and pronunciation.

HCP 102: Body System Anatomy and Terminology**3.0 units – 45 hours**

The course examines the foundational principles of internal body systems, such as the digestive, reproductive and cardiovascular systems, and common diseases and disorders related to these systems. The course emphasizes the effective use of medical terminology through the study of the principles of word construction, elements, abbreviations, and symbols with emphasis on spelling and pronunciation.

HCP 103: Foundational Office Skills**2.0 units – 45 hours**

This course presents the fundamental administrative and communication skills needed to work in a medical facility. The student will build a foundation in medical coding, medical law and ethics, HIPAA regulations, as well as insurance plans and forms. Students will practice using electronic medical software. Keyboarding skills are also emphasized in this course.

HCP 201: Diseases and Disorders**3.0 units – 45 hours**

In the course students will apply their basic knowledge of anatomy and physiology to a deeper examination of diseases, disorders, etiology, pathology, diagnostic testing, and common treatments of structural body systems. The course emphasizes applying medical terminology to situations in medical professions.

HCP 202: Microsoft Office for Health Care Professionals**3.0 units – 45 hours**

Using medical office setting scenarios, students will use the various software applications in the Microsoft Office Suite. They will build professional documents, spreadsheets, presentations using Word, Excel and PowerPoint, and practice managing email, schedules, tasks and contacts using MS Outlook.

HCP 203: Medical Office Management**3.0 units – 45 hours**

Adding to the fundamental administrative and communication skills needed to work in a medical office, student will distinguish the skills needed to manage a medical office. They will analyze legal and ethical scenarios, discuss how to care for patients with special needs, and how to provide excellent customer service. Students will identify the responsibilities that come with managing an office, and practice the professional behavior needed required in the healthcare setting.

HEA 10: Health and Wellness**3.0 units – 45 hours**

This course is designed to promote desirable health attitudes and practices. Students will examine the various dimensions of health, which include physical, psychological, social, and environmental health. Students will also review a variety of health related topics, including stress, nutrition, fitness, sexuality, disease, and drug use and abuse, and evaluate healthy lifestyle choices in their own lives.

HR 100: Human Resource Management and Administration**2.0 units – 45 hours**

This course will provide an overview of the tasks and responsibilities associated with the administration of human resources in the business environment. Topics include: recruitment, selection, and hiring practices, legal and regulatory factors, employee and labor relations, and compensation and benefits. This course addresses diversity and equal employment opportunity, sexual harassment, discrimination, employee handbooks, employee privacy, performance management and appraisal, and issues related to worker's compensation and investigation.

HR 155: Human Resource Management and Administration**5.0 units – 90 hours**

This course will provide an overview of the tasks and responsibilities associated with the administration of human resources in the business environment. Topics include: recruitment, selection, and hiring practices; legal and regulatory factors; employee and labor relations; and compensation and benefits. This course addresses diversity and equal employment opportunity, sexual harassment, discrimination, employee handbooks, employee privacy, performance management and appraisal, and issues related to worker's compensation and investigation.

HRA 21: Human Resource Fundamentals**5.0 units – 90 hours**

This course introduces the fundamentals of staffing and personnel decisions. It incorporates concepts of diversity and Equal Employment Opportunity into strategic human resource planning and management. Students will analyze and evaluate job components, recruitment, selection, retention, and placement of employees.

Students will also learn the essentials of benefits and compensation management. Topics include the basics of compensation determination, job analysis and evaluation, pay structure designs, employee benefits and administration, control of compensation, and an overview of the types of HRMS/HRIS software.

HRA 22: Regulations and Laws Affecting Human Resources
5.0 units – 90 hours

This course will provide an overview of the regulatory environment of the human resource professional. Students will investigate and discuss employment relationships, employee privacy topics, and wage and hour law issues. By defining Title VII of the Civil Rights Act, as well as other Equal Employment Opportunity Commission (EEOC) regulations, students will be able to evaluate employer responsibilities and the variety of situational applications that involve human resources management.

HRA 23: Accounting and Payroll Management
5.0 units – 90 hours

The fundamentals of payroll, basic bookkeeping, and accounting are covered in this course. Students will investigate and discuss the need for and the requirements of the laws affecting payroll and personnel records. They will be introduced to accounting concepts and practices and will utilize a computerized payroll system to perform various HR functions. Activities include computing wages; working with social security, income, and unemployment compensation taxes; posting, verifying, and adjusting transactions; creating financial statements; and performing period-end closings.

HRA 24: Ethics in Human Resources
5.0 units – 90 hours

In this course, students will apply ethical theory to business situations and practices. Students will describe the roles of corporate culture and leadership in a social and global economy, as well as discuss legislation regulating employer and employee rights and responsibilities. Students will analyze ethical situations and develop solutions needed by Human Resource Administrators.

HRA 25: Workforce Analysis, Planning, and Staffing
3.0 units – 45 hours

This course introduces the fundamentals of staffing and personnel decisions. It incorporates concepts of diversity and Equal Employment Opportunity into strategic human resource planning and management. Students will analyze and evaluate job components, recruitment, selection, retention, and placement of employees.

HRA 26: Workforce Training, Managing, and Safeguarding
3.0 units – 45 hours

This course continues the development of staffing and personnel decision-making skills. Students will gain skills needed to train and develop employees. They will practice performance appraisals, describe due process procedures, as well as define regulations that ensure organizational safety.

HRA 31: Labor Laws: Employee Rights
3.0 units – 45 hours

This course will provide an overview of the regulatory environment of the human resource professional. Specifically addressed are the

effect and impact on employers of Federal and California State regulations dealing with employee rights, including employment-at-will, employee handbooks, employee privacy issues, wage related issues, safety and health issues, and labor relations.

HRA 32: Labor Laws: Equal Employment Opportunity
3.0 units – 45 hours

This course provides an overview of the regulatory environment of the human resource professional. By defining Title VII of the Civil Rights Act as well as other Equal Employment Opportunity Commission (EEOC) and Fair Employment Housing (FEHA) regulations, students will be able to evaluate employer responsibilities in a variety of situational applications.

HRA 40: Introduction to Accounting Principles
2.0 units – 45 hours

This course provides an introduction to basic bookkeeping and accounting. Emphasis is on accounting concepts and practices, transactions and adjustments, journalizing, general ledger, and financial statements.

HRA 42: Payroll Management
3.0 units – 45 hours

The fundamentals of payroll are covered in this course. The focus is on payroll and personnel records, computing and paying wages and salaries, social security taxes, income tax withholding, and unemployment compensation taxes.

HRA 44: Business Ethics
3.0 units – 45 hours

This course focuses on the ethical responsibilities of a Human Resource Administrator. Topics include: ethical issues in business, whistle blowing, privacy and technology, diversity, sexual harassment, workplace safety, environmental protection, marketing and advertising, and product liability.

HRA 56: Benefits and Compensation Management
3.0 units – 45 hours

Students will learn the essentials of benefits and compensation management. Topics include the basics of compensation determination, job analysis and evaluation, pay structure designs, employee benefits and administration, control of compensation, and an overview of the types of HRMS/HRIS software.

HRA 400: HRA Capstone
3.0 units – 45 hours

This course is designed to give students practical experience and opportunity to apply their human resource (HR) administration skills within simulated circumstances. Students will problem solve HR situations, analyze case studies, interpret labor laws, facilitate employee interviews and plan employee development and orientation.

HTH 103: Human Relations and Health Care
3.0 units – 45 hours

This course focuses on the role of the health care professional in real life situations relating to a variety of patients. The interactive skills necessary for dealing with individual differences, personalities and

socioeconomic factors are emphasized. The course includes an overview of legal and ethical problems within the health care professions. Conflict resolution is also covered in this course.

HTH 107: Anatomy/Physiology and Medical Terminology **6.0 units - 90 hours**

In this course students will learn the fundamental principles of human body systems, their structure and functions, and the common diseases, symptoms, etiologies, treatments, and diagnostic testing of common diseases. Students will study the principles of word construction and word analysis of medical terminology associated with various medical specialties including word elements, abbreviations, and symbols with emphasis on spelling and pronunciation.

HTH 500: 180 hour Externship and Professional Experience **4.0 units – 180 hours**

Students will apply their acquired skills and knowledge in taking on the responsibilities and duties of an extern trainee in a practical setting under direct supervision of the Physician, PA, NP, RN, LVN, or office manager. Maintaining SJVC expected professionalism, proper policy and protocol along with upholding the state and federal law at all times is essential. The teaching/learning facility will provide appropriate supervision and evaluation of student performance under the direction of Extern/Clinical Coordinator. The grade earned in this course is Pass/Fail. **Passing this course is a graduation requirement.**

ICS 2: Intermediate Computer Skills 2 **2.0 units – 45 hours**

This course focuses on database concepts using Microsoft Access. Students will be tested for skill competency on a regular basis. Keyboarding skills are part of each class session. Students will participate in timed keyboarding skill tests.

IT 101: Industrial Electricity **10.0 units – 180 hours**

This seven-part course discusses the elements and applications of electricity that are common to any industrial facility. In strict accordance with the National Electric Code, this course will introduce students to electrical theory with an emphasis in those energy sources developed for commercial and manufacturing use.

IT 110: Power Transmission **5.0 units – 90 hours**

This course includes the operation, maintenance, safety, and troubleshooting of machinery, industrial bearings, industrial drive gears and gear systems, shaft joining and coupling devices.

IT 120: Fluid Power **5.0 units – 90 hours**

This course presents basic concepts and operation of fluid power, demonstrating knowledge in maintenance, safety, and troubleshooting. Students will perform fluid power operation in the use of hydraulic power systems, symbols and schematic interpretation, industrial hydraulics, pressure control valves, directional control valves, check valves, flow control valves, actuators, pumps, oil conditioners and measuring instruments. .

IT 201: Programmable Logic Controllers **10.0 units – 180 hours**

This course presents basic concepts and applications of PLC's such as the PLC language, performing installation and diagnostic functions, using program tools, basic communications and logic operations. The practical instruction of this course is performed with Allen Bradley equipment and RSLogix software, both of which are predominantly used within the manufacturing industry.

MAP 105: Laboratory Procedures **5.0 units – 90 hours**

Students will learn to perform a variety of laboratory techniques. They will practice venipuncture, capillary punctures, urinalysis, and various hematology tests. They will discuss the concepts of hematology and lab values. Students will be trained in CPR and First Aid. **A grade of "C" or better is required to earn credit for this course.**

MAP 115: Pharmacology and Medication Administration **5.0 units – 90 hours**

Students will learn to perform injections and a variety of clinical procedures. They will discuss basic pharmacology, immunizations, and apply a variety of medication administration techniques. Students will calculate medication dosages and complete appropriate documentation. **A grade of "C" or better is required to earn credit for this course.**

MAP 125: Clinical Procedures **3.0 units – 45 hours**

In this course students will discuss the role of the medical assistant in a clinical setting. Students will perform non-invasive procedures such as electrocardiograms and vital signs. They will prepare exam rooms, exam trays, and apply sterile techniques. They will discuss blood-borne pathogen guidelines for a safe medical office. **A grade of "C" or better is required to earn credit for this course.**

MAP 205: Front Office Procedures **2.0 units – 45 hours**

In this course, students will bring together all the skills needed in the front office. They will use appropriate coding terminology, use medical office software, and demonstrate the administrative tasks they will likely be doing in a medical office.

MAP 215: Back Office Procedures **2.0 units – 45 hours**

In this course students will bring together all the skills needed in the back office. They will perform various invasive and comprehensive laboratory and clinical procedures. They will study and apply more advanced injection techniques, medication administration, and laboratory and patient testing. They will apply techniques to assist with various patient exams and specialty procedures. **A grade of "C" or better is required to earn credit for this course.**

MAP 225: Certification Preparedness **3.0 units – 45 hours**

In this course, students will assess their performance and application of acquired skills and knowledge in general, administrative, and

clinical categories. They will also learn study skills needed for the certification exam.

MAP 500: Externship

4.0 units – 180 hours

Students will apply their acquired skills and knowledge in taking on the responsibilities and duties of an extern trainee in a practical setting under direct supervision of the Physician, PA, NP RN, LVN, or office manager. Maintaining SJVC expected professionalism, proper policy and protocol along with upholding the state and federal law at all times is essential. The teaching/learning facility will provide appropriate supervision and evaluation of student performance under the direction of Extern/Clinical Coordinator. The grade earned in this course is Pass/Fail. Passing this course is a graduation requirement.

MAS 110: Introduction to Eastern Theory and Shiatsu Techniques

4.0 units – 90 hours

Introduction to Eastern Theory and Shiatsu provides the specific foundation, context, and technical hands-on skills for basic Shiatsu practice. The basic philosophy, eastern anatomy and physiology, specific channels and points, as well as the principles of assessment, patterns of imbalance and organ dysfunction are studied. Basic point palpation and location will also be practiced to help students develop the sensitivity and skills necessary for effective Shiatsu treatment. Students are prepared to perform a full body Shiatsu sequence using the fundamentals of body mechanics, proper placement of the body to access the channels, as well as stretches, transitions and protocols for each element.

MAS 120: Palpation and Myology

4.0 units – 90 hours

Palpation and Myology offers an in-depth look at the human muscular system including the characteristics of muscle tissue and its histological classification into skeletal, cardiac, and smooth types. Students will learn to superficially outline and explain the shape and fiber direction of the various muscles and muscle groups located in the head, neck and trunk as well as the different muscle groups that cause movement of the extremities. Students will learn to physically locate, palpate and demonstrate the actions of the major muscle groups, related bones and bony landmarks, as well as other related additional structures on a diagram, skeleton and classmates.

MAS 130: Swedish Massage Therapy Technique

4.0 units – 90 hours

Swedish Massage Therapy Technique includes the history of massage tracing it from ancient to contemporary times and a model of the scope and field of the massage and bodywork profession. The basic strokes of Swedish technique are defined, demonstrated and then practiced as they are weaved into the complete treatment for both the anterior and posterior aspects of the body. Students are also instructed on the proper use of massage oils, lotions and creams, the massage table, and draping and bolstering techniques on partners. The effects, benefits, indications and contraindications of Swedish massage are also emphasized. Students will also be introduced to state laws, regulations and professional ethics for Massage

Therapists. Strong emphasis is placed on the importance of the student developing coordination, balance, control and stamina.

MAS 210: Integrated Deep Tissue Massage

3.0 units – 45 hours

The integrated deep tissue massage course builds upon the firm foundation provided in Swedish Massage Technique enabling students to advance to the next level of practice. During this course students learn to integrate various massage and bodywork therapy modalities including neuromuscular therapy, Swedish massage, cross fiber, connective tissue techniques, stretching and energy work into numerous integrated deep tissue massage routines for either full body or specific treatment areas and conditions. Students are taught how to work with tissue in the different layers of the fascia, as well as palpate, locate and treat areas that may be compromised. Students will learn how to relax and lengthen tissue helping to release holding patterns in the most effective and energy efficient way. They learn to facilitate the fundamental goal of integrated deep tissue massage which is to help restore balance and harmony to the body through advanced techniques and manipulations that affect the deeper layers of muscle and connective tissue. This course also emphasizes evaluation and treatment of postural imbalances including those due to injury and habit. Beneficial exercises and other forms of self-care that clients can do at home for the purpose of enhancing treatment are taught as part of this course.

MAS 220: Swedish Massage Therapy Applied Technique

3.0 units – 45 hours

The main focus of this course is the introduction and integration of advanced techniques into the full body Swedish massage and their various applications to the more serious, but common pathological conditions professional massage therapists see. Swedish Massage Therapy Applied Technique begins with a comprehensive practical review of the basic Swedish full-body treatment. This course then provides an introduction to the underlying principles of assessment used in treatment planning, review of the fundamental principles and physiological effects of Swedish Therapeutic Massage, its indications and precautions. Finally students are introduced to Sports Massage including its purposes, goals, and major benefits, contraindications, stress points, warm-up exercises, pre-and post-event treatment, maintenance, and the most effective and commonly used massage techniques. Students are also taught to assess post-event conditions and practice the hands-on techniques for aiding in their relief.

MAS 230: Sports Massage

3.0 units – 45 hours

Sports Massage provides students with an understanding of the fundamental theory and practical basis for using sports massage to keep athletes in top shape, recover from injuries and improve performance. The student will learn and practice massage techniques and procedures involved in conducting effective sports massage sessions, including determining goals, organizing the session, the choosing and applying techniques. Medications and massage, specialized massage techniques, joint movements, stretching, remedial and rehabilitation applications will also be taught. Instruction in pre-, inter- and post-event massage, as well as learning to use sports massage in an integrative sports medicine

clinic, private practice or clinic, or in a sports massage program in a school or university is covered.

MAS 240: Spa Therapy: Techniques and Modalities

3.0 units – 45 hours

This course prepares the student to successfully perform spa modalities either as a sole practitioner adding spa services to a massage practice, or as a valuable employee in a spa. The course covers the theory behind these techniques, contraindications, the benefits of each treatment, the history of spas and bathing, the roots of spas in antiquity, and the differences in Asian, European and American spa models as they developed over time.

MBC 105: Body Systems and Pathology

3.0 units – 45 hours

The course focuses on basic knowledge of anatomy and physiology to a deeper examination of diseases, disorders, etiology, pathology, diagnostic testing, and common treatments of internal body systems. The course emphasizes applying medical terminology to situations in medical professions.

MBC 125: CPT Coding

3.0 units – 45 hours

The course focuses on the performing of coding associated with the Current Procedural Terminology (CPT) manual. The Evaluation and Management, Anesthesia, Surgery Radiology, Pathology/Laboratory and Medicine sections are covered with emphasis on section guidelines and proper code selection.

MBC 210: Medical Coding Practicum

3.0 units - 45 hours

In this course students will assess their performance and application of acquired skills and knowledge in preparation for the CPC certification exam. Students will practice answering exam questions as well as have hands-on lab time to solidify essential skills. Students will also reflect on how to prevent test anxiety and practice test preparation techniques.

MBC 220: Medical Coding Seminar

1.0 units – 15 hours

In this course various methodologies for successful completion of the CPC examination are examined. Students develop a personalized plan for successful application and scheduling of the CPC exam.

MBC 230: Medical Billing Practicum

3.0 units – 45 hours

In this course students will assess their performance and application of acquired skills and knowledge in preparation for the CPB certification exam. Students will practice answering exam questions as well as have hands-on lab time to solidify essential skills. Students will also reflect on how to prevent test anxiety and practice test preparation techniques.

MBC 240: Medical Billing Seminar

1.0 units – 15 hours

In this course various methodologies for successful completion of the CPB examination are examined. Students develop a personalized plan for successful application and scheduling of the CPB exam.

MCA 103 Clinical Applications

4.0 units - 90 hours

This course focuses on initial patient assessment and fundamental pre-clinical skills such as sterile technique, OSHA regulations, and equipment operation and maintenance. Skills learned include CPR/BLS, First Aid, taking and recording vital signs, emergency procedures, basic instrument identification, sanitization, disinfecting, sterilizing, and autoclaving.

MGT 104: Office Supervision and Organization

3.0 units – 45 hours

This course emphasizes functional office practices necessary in the operation of any business. Students will examine the manager's environment including social responsibility, law and ethics, efficient business organization, and human resources management. Other topics covered include an introduction and overview of office operations, an overview of typical business structure, day-to-day operations and procedures, and information systems.

MGT 110: Career Development

3.0 units – 45 hours

This course helps to prepare the online student with certain skills that are useful for the job search as well as for career development. Professional development and employment skills are the focus and topics covered include resume and professional letter writing, interview techniques, and conducting the job search through the internet. In addition, planning strategies and resources are also examined with an emphasis on maximizing career advancement potential and long-term professional growth. Students will complete assignments, projects, exams, and a final portfolio that emphasize career development and employment skills.

MOP 110: Medical Insurance Principles

5.0 units – 90 hours

The course focuses on the requirements of a billing and coding specialist as well as insurance terminology, legislation and regulations that affect billing and coding. Students will perform fundamental administrative and communication skills needed to work in a medical facility. Students will practice the basics of CPT and ICD coding as well as complete insurance claim forms. Students will be trained in CPR/BLS-HCP and first aid. Keyboarding skills are also emphasized in this course.

MOP 120: CPT/HCPCS Coding

3.0 units – 45 hours

The course examines coding concepts associated with the Current Procedural Terminology manual and the HCPCS code book. The Evaluation and Management, Anesthesia, Surgery Radiology, Pathology/Laboratory and Medicine sections are covered with emphasis on section guidelines and proper code selection. Keyboarding skills are also emphasized in this course.

MOP 130: Billing Principles

2.0 units – 45 hours

The course focuses on the procedures for billing in both hospital and clinical settings. Students will identify a variety of source documents used in billing, compare and complete the forms used in hospitals

and offices, analyze the revenue cycles, and apply the correct codes to the different venues.

MOP 140: ICD Coding

3.0 units – 45 hours

The course covers coding concepts associated with the three volumes of the International Classification of Diseases and Clinical Modification codebook. Students will practice using terminology following documentation guidelines and applying codes to various forms and documents. Keyboarding skills are also emphasized in this course.

MOP 210: Medical Office Principles

2.0 units – 45 hours

The course presents basic bookkeeping and accounting tasks. The course also emphasizes effective communication and documentation skills required in the medical office.

MOP 220: Medical Office Capstone

2.0 units – 45 hours

In this capstone course, students will apply coding and medical billing skills learned throughout the program to a variety of scenarios and situations. They will make decisions, process claims, interpret source documents, use critical thinking skills, and handle difficult situations as professionals.

MOP 500: Externship

3.0 units – 135 hours

Students will utilize their skills and knowledge by working in a medical office, hospital, billing office, or insurance company under direct supervision of the professional office manager or medical director. Students are required to turn in completed hours and evaluations, and the grade earned in this course is Pass/Fail. Passing this course is a graduation requirement.

MOP 510: Externship Seminar

1.0 units – 15 hours

In this course students will assess their performance and application of acquired skills and knowledge. They will learn skills to prepare for the certification exam and practice professional behavior.

MTC 1: Massage Therapy Clinic 1

2.0 units – 60 hours

Massage Therapy Clinic 1 challenges the student practitioners to integrate all aspects of their education during an intense internship. This phase of training offers students the excitement and responsibility of applying the knowledge & skills they have learned to the treatment of clients from the community under direct supervision of their instructors. Graduates are offered their final preparation & transition for occupational certification into the professional Massage Therapy arena.

MTC 2: Massage Therapy Clinic II

2.0 units – 60 hours

Massage Therapy Clinic II is the training ground where student practitioners are challenged to integrate all aspects of their education during an intense internship. During this second phase of clinic, students will be required to apply deeper levels of their

knowledge, assessment and technical skills and abilities during a series of different treatment sessions. They will treat, make recommendations, care for, and follow-up on their clinic clients presenting with various pathological conditions.

During Massage Therapy Clinic II, student clinicians are required to complete at least 25 one-hour, full-body treatments on no less than 4 individual clients and no more than 6, that are focused on the client's particular problems, conditions, complaints or pathologies and which are meant to be therapeutic and remedial. It is recommended that when working on a particular client with a specific complaint or pathology that the client be given 4-6 consecutive, weekly or otherwise properly spaced, treatments. This affords the best educational experience for the student clinician providing enhanced opportunities for supervision and follow-up. It also allows for continued dialogue about client symptomology, and experience in adjusting treatment protocol to better promote healing and the overall well-being of the client. During these treatment series the student clinician can integrate additional techniques and treatment modalities learned in the second term including integrated deep tissue, sports massage, appropriate spa techniques, points, strokes, stretches, exercises and recommendations as instructed during supervision.

Supervisors discreetly monitor students throughout the progress of their treating and are available at any time for regular conferences regarding treatment preparations, recommendations, documentation of treatments, the use of specific points and techniques, the progress of the individual client, or difficult situations that may arise. Students keep accurate records, participate in administrative duties and receive feedback from their supervisors in addition to written evaluations completed by the clients at the end of client-pathology series.

At the end of the term students will submit a clinic term paper based on each of their clinic-pathology case studies during Massage Therapy Clinic II.

MTH 121: College Algebra – Part A

3.0 units – 45 hours

This course integrates technology with mathematics through the use of online learning resources, and covers the fundamentals and terminology of algebra. Topics include real numbers, complex numbers, order of operations, ratios/proportions, single and multiple step linear equations and inequalities, use of formulas, algebraic expressions, polynomials, systems of equations, graphing and quadratic equations. Students will utilize the metric and U.S. standard systems, and scientific notation. The fundamentals and terminology of geometry, including geometric shapes and the Pythagorean Theorem, will be provided. This course offers hands-on applications that allow students to relate to and to apply concepts to their field of study.

MTH 122: College Algebra – Part B

3.0 units – 45 hours

This course integrates technology with mathematics through the use of online learning resources, and covers the fundamentals and terminology of algebra. Topics include use of formulas, algebraic

expressions, polynomials, systems of equations, exponential and logarithmic expressions and quadratic equations. Students will utilize rational and radical expressions, conics and functions. This course offers hands-on applications that allow students to relate to and to apply concepts to their field of study.

NSC 1: Introduction to the Natural Sciences

3.0 units – 45 hours

This course presents an overview of the basic concepts of the natural sciences, emphasizing biology, chemistry, physical, earth and space science. These concepts are taught both as a technical foundation and from a historical perspective. The subject matter is integrated into lecture discussions covering the environment, ecology, and the relevance of natural science to human affairs. Subjects discussed include current and relevant social, scientific and economic issues. Special projects and activities may be required.

PAS 101: Anatomy and Physiology 1

2.0 units – 60 hours

This course focuses on the structure and function of the human body with emphasis on the HEENT, cardiovascular, pulmonary, gastrointestinal, and genitourinary systems. This course is designed to provide the student with an examination of the anatomical structure and function of the human body through virtual cadaver dissection and lecture. **A grade of "C" or better is required to earn credit for this course.**

PAS 102: Adult Medicine 1

8.0 units – 108 hours

The student is exposed to the systematic approach to the theory of clinical medicine including the pathophysiology of human disease, illness and injury. Topics include dermatology, ophthalmology, otolaryngology, cardiovascular, respiratory, gastrointestinal, genitourinary, health promotion, and disease prevention. **A grade of "C" or better is required to earn credit for this course.**

PAS 103: History and Physical Assessment 1

4.0 units – 116 hours

The student is exposed to clinical gathering skills, how to elicit and write a medical history, introduction to physical examination using the problem oriented medical record and patient simulation. Emphasis will be placed on a normal history and physical exam, which correlate with the organ systems, covered in the PAS 102 Adult Medical 1 course. **A grade of "C" or better is required to earn credit for this course.**

PAS 104: Diagnostic Studies 1

1.0 unit – 24 hours

The student will learn basic clinical skills applicable to interpretation and theory of body fluids/tissues analysis, electrocardiographs and pulmonary tests necessary to arrive at a preliminary diagnosis. Topics include clinical biochemistry; hematology; urinalysis; principles of electrocardiology; interpretation of 12 lead EKG and rhythm strips; basic principles and interpretation of arterial blood gases. **A grade of "C" or better is required to earn credit for this course.**

PAS 105: Pharmacology 1

2.0 units – 32 hours

The student is introduced to the basic principles of pharmacology including pharmacokinetics, drug actions, drug interaction and drug toxicities involved in the clinical use of drugs. Emphasis will be placed on the physiological and biochemical actions, absorption, distributions, metabolism, excretions and therapeutic use of drugs, which correlate with the organ systems and diseases covered in the PAS 102 Adult Medicine 1 course. **A grade of "C" or better is required to earn credit for this course.**

PAS 107: Pathophysiology 1

2.0 units – 60 hours

The course exposes the student to the pathophysiology of common disease processes in man for the following organ systems: integumentary, special senses, and pulmonary, cardiovascular, gastrointestinal, and genitourinary systems. **A grade of "C" or better is required to earn credit for this course.**

PAS 201: Adult Medicine 2

8.0 units – 108 hours

The student is exposed to the systematic approach to the theory of clinical medicine including the pathophysiology of human disease, illness and injury. Topics include Endocrinology, Rheumatology, Orthopedics, Psychiatry, Neurology, Hematology, Oncology, and Infectious Diseases. **A grade of "C" or better is required to earn credit for this course.**

PAS 202: History and Physical Assessment 2

4.0 units – 124 hours

The student is exposed to the continuation of clinical data gathering skills related to history and physical assessment. Emphasis will be placed on a normal history, and physical exam, which correlate with the organ systems, covered in the Adult Medicine 2 PAS 201, including breast and gynecological examination. Additional interviewing techniques are also covered, including effective interpersonal communication, age groups and multicultural issues pertaining to the medical interview. **A grade of "C" or better is required to earn credit for this course.**

PAS 203: Diagnostic Studies 2

1.0 unit – 24 hours

This class is a continuation of PAS 104 covering basic clinical skills applicable to interpretation and theory of body fluids/tissues analysis and diagnostic imaging necessary to arrive at a preliminary diagnosis. Topics include clinical biochemistry, hematology, serology, urinalysis and basic principles and interpretation of diagnostic imaging. **A grade of "C" or better is required to earn credit for this course.**

PAS 204: Pharmacology 2

2.0 units – 32 hours

This class is a continuation of PAS 105. Emphasis will be placed on the physiological and biochemical actions, absorption, distributions, metabolism, excretions and therapeutic use of drugs, which correlate with the organ systems and diseases covered in the PAS 201 Adult Medicine II course. **A grade of "C" or better is required to earn credit for this course.**

PAS 206: Anatomy & Physiology 2**2.0 units – 60 hours**

This course focuses on the structure and function of the human body with emphasis on the endocrine; musculoskeletal; neurological; hematological; immunological and reproductive systems. This course is designed to provide the student with an examination of the anatomical structure and function of the human body through virtual cadaver dissection and lecture. **A grade of "C" or better is required to earn credit for this course.**

PAS 207: Pathophysiology 2**2.0 units – 60 hours**

The course exposes the student to the pathophysiology of common disease processes in man for the following organ systems: endocrine, musculoskeletal, nervous, hematologic, immune, and reproductive system. **A grade of "C" or better is required to earn credit for this course.**

PAS 301: Clinical Skills**1.0 unit – 44 hours**

The student is exposed to technical procedures common to primary care practice. Topics include: airways management, asepsis technique, bandaging and splinting, casting, suturing, injections, starting IV's, nasogastric tubing placement, routine urinalysis, venipuncture and the written drug order. **A grade of "C" or better is required to earn credit for this course.**

PAS 302: Medical Specialties: OB/GYN**2.0 units – 36 hours**

The student is introduced to knowledge of basic principles in the following areas of ambulatory obstetrics and gynecology: family planning, pregnancy and childbirth, diagnosis and management of common complaints germane to the female reproductive system, recognition and initial management of urgent and emergent conditions and appropriate use of consultation and referral. **A grade of "C" or better is required to earn credit for this course.**

PAS 303: Medical Specialties: Pediatrics**3.0 units – 54 hours**

The student is introduced to knowledge of basic principles in the following areas of ambulatory pediatrics and adolescent medicine: obtaining a pediatric history, diagnosis and management of common complaints germane to the pediatric and adolescent patient, recognition and initial management of urgent and emergent conditions, and appropriate use of consultation and referral. **A grade of "C" or better is required to earn credit for this course.**

PAS 304: Medical Specialties: Geriatrics**2.0 units – 32 hours**

The student is introduced to knowledge of basic principles in the health care and disorders of the aging population. Topics covered include: preventative and rehabilitative therapeutic modalities for the evaluation, counseling and treatment of the elderly. **A grade of "C" or better is required to earn credit for this course.**

PAS 305: Medical Specialties: Emergency Medicine**3.0 units – 44 hours**

The student is introduced to knowledge of basic principles in the recognition and management of acute emergency conditions that may be encountered in the Emergency Department. Topics covered include: evaluation of the ER patient, HEENT, cardiovascular, gastrointestinal, urological, OB/GYN, endocrine, musculoskeletal, neurological, psychiatric, pediatric, wound care, environmental and toxicological emergencies. **A grade of "C" or better is required to earn credit for this course.**

PAS 306: Medical Specialties: Surgery**2.0 units – 30 hours**

The student is introduced to a basic overview of surgical principles, procedures and management encountered in primary care. Topics include asepsis and antisepsis, wound repair and healing, infections, classification and management of burns, surgical evaluation and management of abdomen, breast and cardiothoracic conditions and diseases.

PAS 400: PA Profession**1.0 unit – 16 hours**

The student is exposed to issues pertinent to Physician Assistant practice. Topics include: history of the profession, professional, accrediting and regulatory organizations, PA/Physician/Patient interaction, California law pertaining to Physician Assistant practice, Physician Assistant's role in health care delivery systems, malpractice, and professional development. **A grade of "C" or better is required to earn credit for this course.**

PAS 402: Clinical Rotation 1**14.0 units – 560 hours**

Students are assigned to four week clinical rotations in one of the following specialties: Family Medicine, Internal Medicine, Pediatrics, Women's Health, Emergency Medicine/Occupational Medicine/Urgent Care, General Surgery and Psychiatry. Students are assigned patients for medical history, physical examination, diagnostic testing and patient education, management and supportive involvement in major and minor surgical procedures. When applicable, students attend daily grand rounds, attending physician's seminars and additional continuing medical education. Students are required to return to campus once a week for didactic lectures on community resources, nutrition, give case presentations and testing. **A grade of "C" or better is required to earn credit for this course.**

PAS 500: Introduction to Research and Medical Literature Review**1.0 unit – 16 hours**

This course will expose the student to the medical literature as an exercise into scientific inquiry. The course will focus on the application of methods utilized in defining clinical problems and analysis and application of the information presented. The skills gained through this course will also develop the student's ability in the use of evidence-based medicine during their clinical practice. **A grade of "C" or better is required to earn credit for this course.**

PAS 502: Clinical Rotation 2

14.0 units – 560 hours

Students are exposed to continuation of clinical experiences described in PAS 402. Students are assigned to four week clinical rotations in one of the following specialties: Family Medicine, Internal Medicine, Pediatrics, Women's Health, Emergency Medicine, General Surgery and Psychiatry. Students are assigned patients for medical history, physical examination, diagnostic testing and patient education, management and, supportive involvement in major and minor surgical procedures. When applicable, students attend daily grand rounds, attending physician's seminars and additional continuing medical education. Students are required to return to campus once a week for lectures on Evidence-Based Medicine, give case presentations and testing. **A grade of "C" or better is required to earn credit for this course.**

PAS 602: Preceptorship

15.0 units – 576 hours

Students are assigned to a sixteen-week outpatient primary care clinical experience. Under supervision, students participate in patient care experiences including: taking a medical history, physical examination, diagnostic testing, patient education, management and referral. Students are required to return to campus once a week for additional didactic lectures, presentations and testing. **A grade of "C" or better is required to earn credit for this course.**

PHAR 21: Pharmacology

2.0 units – 30 hours

This course will study the drugs administered to treat pulmonary disease. It will also include other classifications of drugs that have an effect on cardiopulmonary status. Areas will include drug calculations, indications, classification, proper dosage, modes of administration, the physiological actions of pharmacokinetics, pharmacodynamics, and pharmacogenetics, side effects, precautions, hazards, therapeutic effects and patient monitoring. **A grade of "C" or better is required to earn credit for this course.**

PHIL 1C: Ethics

3.0 units – 45 hours

This course provides an introduction to the ethical problems and issues in modern society. Students will discuss current events related to ethical issues and participate in group discussions.

PHR 15: Pharmacy Science and Applications 2

5.0 units – 90 hours

This course emphasizes the theory of anatomy, physiology, pathophysiology, and related pharmacology of the urinary, circulatory, and respiratory systems. Lab applications involving drug information retrieval and prescription processing serve to reinforce theory of pharmacological effects and mechanisms of action of urinary, circulatory, and respiratory system agents. Preparation for CPR and First Aid certification is an integral component of this course. Also presented in this course are procedures for the generation and maintenance of accurate pharmacy records, insurance claims and the use of pharmacy reference materials. Computerized pharmacy systems are utilized. Emphasis is placed on the importance of diligence in documentation and related issues of potential liability. Employment Services Seminar in this course

includes an overview of the role of the pharmacy technician in the professional environment, employment opportunities and National Certification. **A grade of "C" or better is required to earn credit for this course.**

PHR 20: Pharmacy Law and Ethics

3.0 units – 45 hours

This course presents an overview of the history of the pharmacy as well as the duties and responsibilities of a pharmacist and the State and Federal laws governing pharmacy practice, standards and regulations. This course includes HIPAA (Health Insurance Portability and Accountability Act) statutes, regulations, and preparation for certification. Current ethical issues in pharmacology will be discussed. **A grade of "C" or better is required to earn credit for this course.**

PHR 25: Pharmacy Records & Documentation

3.0 units – 45 hours

This course focuses on enhancing the skills to properly interpret, fill and label prescription orders. An emphasis of this course is to train students to properly maintain and document pharmacy records. Students will be introduced to the duties of inventory control in a pharmacy practice and explore legal parameters of dispensing medications. **A grade of "C" or better is required to earn credit for this course.**

PHR 30: Pharmacy Math and Computations

3.0 units – 45 hours

This course covers mathematical calculations involving fractions, decimals, ratios, and percentages including both the metric and apothecary systems. This course will utilize these learned mathematical skills during pharmaceutical applications which are required to determine medication dosages and preparations. Also covered in this course will be the business practices in a retail pharmacy. **A grade of "C" or better is required to earn credit for this course.**

PHR 100: Pharmacy Science and Applications 1

5.0 units – 90 hours

This course emphasizes the theory of anatomy, physiology, pathophysiology, and related pharmacology of the gastrointestinal, integumentary and sensory systems. A comprehensive overview of pharmaceutical dosage forms, pharmacokinetics, chemistry, terminology, abbreviations and symbols, the difference between trade and generic drugs and interpretation of prescriptions. Students will utilize the pharmacy lab in the applications of pharmacy science. Interpretations of doctor's orders along with prescription filling procedures are practiced. Students will be introduced to the use of pharmacy reference materials. **A grade of "C" or better is required to earn credit for this course.**

PHR 120: Pharmacy Clinical Applications 1

2.0 units – 45 hours

This course emphasizes the theory of anatomy, physiology, pathophysiology, and related pharmacology of the nervous systems, including mental health, and nutrition. This course will demonstrate the procedures to interpret, fill and label a prescription. This course

will also cover the procedures involved in processing refills. **A grade of "C" or better is required to earn credit for this course.**

PHR 135: Pharmacy Clinical Applications 2

3.0 units – 45 hours

This course emphasizes the theory of anatomy, physiology, pathophysiology, and related pharmacology of the skeletal-muscular systems, endocrine and reproductive systems. This course will also cover the fundamentals in aseptic technique, proper procedures for drug distribution and dispensing, non-sterile compounding, and manufacturing/packaging procedures. Various pieces of pharmacy equipment and supplies will be utilized. **A grade of "C" or better is required to earn credit for this course.**

PHR 203: Pharmaceutical Lab Applications 1

2.0 units – 45 hours

This course offers the practical lab applications for drug distribution and dispensing, non-sterile compounding, and manufacturing/packaging procedures. Students will utilize essential pharmacy tools and supplies to process orders during this course. Over-the-counter products and diagnostics are also covered and discussed. **A grade of "C" or better is required to earn credit for this course.**

PHR 231: Anatomy, Physiology, and Pharmacology 1

3.0 units – 45 hours

This course emphasizes the theory of pharmacology, physiology, pathophysiology, and indications of the pharmacological drug classes. This course also includes the function and structure of the nervous and circulatory systems identifying the disease states of these systems and the effects of therapeutic agents. Over-the-counter medications, diagnostics, vitamins, herbs, and analgesics are also covered. **A grade of "C" or better is required to earn credit for this course.**

PHR 303: Pharmaceutical Lab Applications 2

2.0 units – 45 hours

This course focuses on the physical and chemical properties of drugs. The fundamentals in aseptic technique, parenteral admixture procedures, and I.V. preparations are emphasized in this course. Dosage calculations are integrated in the applications of this course. **A grade of "C" or better is required to earn credit for this course.**

PHR 312: Pharmacy Business, Simulations & Computer Applications

3.0 units – 45 hours

This course offers a study of pharmacy computer applications specializing in processing prescriptions, drug information retrieval, and other practical applications including legal documentation, patient profiles, and related topics. Students will participate in mock pharmacy applications to enhance competency, efficiency, and camaraderie in the execution of pharmacy technician related tasks. **A grade of "C" or better is required to earn credit for this course.**

PHR 371: Professional Development

2.0 units – 45 hours

Students will participate in professional development activities designed to offer insight into the behaviors and attitudes of the pharmacy technician. They will practice drug calculation skills, review federal and state regulations, drug information, and the use of pharmaceutical reference guides. Through this practice and review, students will prepare for the national certification exam. **A grade of C or better is required to earn credit for this course.**

PHR 512: Clinical Experience

2.0 units – 120 hours

Students will apply their acquired skills and knowledge, taking on the responsibilities and duties of a pharmacy technician trainee in a distinct pharmacy practice setting. The teaching/learning facility will provide appropriate supervision and evaluation of student performance. **Passing this course is a graduation requirement.**

PHR 513: Externship Seminar

1.0 unit – 15 hours

In this course, students will assess their performance and application of acquired skills and knowledge within their externship. They will also prepare for employment, participating in activities such as researching career options and completing State board paperwork. The grade earned in this course is Pass/Fail.

PSY 1: General Psychology

3.0 units – 45 hours

This course covers the study of human behavior, moral development, and psychological theory as it applies to the individual, group and community. Behavioral disorders and treatment; social perceptions; emotions and motivation, social influence and group processes are topics included in this course.

RF 100: Basic Refrigeration Theory and Applications

5.0 units – 90 hours

This course introduces, discusses, and practices the physical laws of matter, heat, transfer, gas laws and equations, pressure and temperature conversions, refrigerants and refrigerant recovery-recycle-reclaim methods and equipment. The refrigeration cycle, basic refrigerating systems and applications, codes, installation, safety practices, and EPA information are topics covered in this course.

RF 200: Intermediate Refrigeration 1

2.0 units – 45 hours

This course discusses and applies the principles of theory and fundamentals to problem analysis and diagnostics for residential, light commercial, and commercial refrigeration systems. Students will practice the basics of brazing.

RF 302: Intermediate Refrigeration 2

5.0 units – 90 hours

This course discusses and applies the principles of theory and fundamentals to problem analysis, diagnostics, and repair of small commercial refrigeration systems.

RF 400: Advanced Refrigeration**2.0 units – 45 hours**

This course applies the principles of theory and fundamentals to problem analysis and diagnostics for light commercial refrigeration systems. Students will describe typical commercial refrigeration problems and the possible factors that make the problems occur. Both self-contained and remote refrigeration systems are analyzed under proper performance and typical running conditions and compared to systems with air-flow problems, undercharge conditions, overcharge conditions and box temperature controls (both pressure and temperature) along with system safety switches and flow controls. In addition, this course prepares students for the HVAC-R industry certification.

RN 10: Fundamentals of Nursing Theory**3.0 units – 45 hours**

This course is an introduction of the foundation of nursing theory and concepts to promote and maintain safe, effective health care with culturally diverse patients. Students will integrate the professional nursing roles of clinician, teacher, leader, and advocate while demonstrating critical thinking and utilizing the nursing process in the promotion of health and the foundational care of client response to physiological and psychosocial health conditions of the adult client. **A grade of "C" or better is required to earn credit for this course.**

RN 10L: Fundamentals of Nursing Clinical**3.0 units – 135 hours**

This course consists of Skills Lab and Clinical hours that apply the theory concepts of RN 10. Selected psychomotor skills associated with the activities of daily living will be studied and practiced. Clinical site rotations include patient care units within skilled nursing agencies. **A grade of "C" or better is required to earn credit for this course.**

RN 12: Nursing Seminar 1: Pathophysiology**2.0 units – 30 hours**

This course introduces the student to pathophysiology and disruptions in the normal body functioning. Assessment findings, diagnostic testing, and interventions for specific health problems are discussed. **A grade of "C" or better is required to earn credit for this course.**

RN 22: Nursing Seminar 2: Pharmacology**2.0 units – 30 hours**

This course offers a theoretical approach to pharmacotherapeutics. The focus of major drug classifications and specific medications will be discussed in relation to pharmacodynamics, pharmacokinetics, and therapeutic uses, adverse reactions, and precautions. **A grade of "C" or better is required to earn credit for this course.**

RN 23: Maternal Newborn Nursing Theory**3.0 units – 45 hours**

This course will prepare the nursing student with the knowledge of current trends and the basic theoretical foundation of antepartum, intrapartum, postpartum, and newborn care and management. **A grade of "C" or better is required to earn credit for this course.**

RN23L: Maternal Newborn Nursing Clinical**2.0 units 90 hours**

This course will prepare the nursing student to apply the nursing process, collaborate with multidisciplinary teams, and provide effective communication and safe nursing care for the maternal/child health client in the clinical/skills lab setting. **A grade of "C" or better is required to earn credit for this course.**

RN24: Beginning Medical Surgical Theory**3.0 units – 45 hours**

This is the foundational Medical-Surgical Nursing course and builds upon the basic nursing content and theoretical concepts. Course content includes the care of patients with chronic illness in the medical-surgical setting. **A grade of "C" or better is required to earn credit for this course.**

RN24L: Beginning Medical Surgical Clinical**3.0 units – 135 hours**

This course consists of a Skills Lab and Clinical hours that apply the theory concepts of RN24, and build upon the basic skills. At the Advanced Beginner level, students will care for patients in the acute care setting. **A grade of "C" or better is required to earn credit for this course.**

RN28: Health Promotions**4.0 units – 90 hours**

A foundational Medical-Surgical Nursing course designed for the LVN to RN student. This course is designed to build upon the basic nursing content and theoretical concepts including the care of patients with chronic and acute illness in the medical-surgical setting. Students will demonstrate mastery of basic nursing competencies. **A grade of "C" or better is required to earn credit for this course.**

RN 30: Gerontology-Community Health Nursing Theory**1.0 unit – 15 hours**

In this course, students are introduced to the nursing role within the community health setting. They will also discuss the geriatric nurse's role and the process of healthy aging. **A grade of "C" or better is required to earn credit for this course.**

RN 30L: Gerontology-Community Health Nursing Clinical**1.0 unit – 45 hours**

In this course, students will experience a variety of community health nursing roles. They will utilize aspects of the nursing process in a range of community settings. **A grade of "C" or better is required to earn credit for this course.**

RN33: Pediatric Nursing Theory**2.0 units – 30 hours**

This course provides an introduction to nursing care of the pediatric client and family, emphasizing wellness, illness, hospitalization and pediatric development. Students will examine nursing care of the pediatric client from birth through adolescence and their families. Concepts include disease process, medical treatments, nursing responsibilities, interventions and expected outcomes, as well as cultural, psychosocial, ethical and legal issues. **A grade of "C" or better is required to earn credit for this course.**

RN33L: Pediatric Nursing Clinical**1.0 units – 90 hours**

This course consists of Skills Lab and Clinical hours that apply concepts of RN37. Students will apply their specific skills, effective communication, the nursing process, and concepts in the care of the pediatric client/family in collaboration with other health care team members. **A grade of "C" or better is required to earn credit for this course.**

RN34: Maternal/Child Nursing Theory**3.0 units – 45 hours**

Introduction to patient-centered care of the Maternal client and Pediatric client and family, emphasizing safety, wellness, illness, hospitalization and growth and development. This course discusses the nursing care of antepartum, intrapartum, postpartum maternal client and children from birth through adolescence and their families. Concepts include, disease process, medical treatments, and nursing responsibilities, interventions, and expected outcomes, cultural, psychosocial, ethical, and legal issues. **A grade of "C" or better is required to earn credit for this course.**

RN34L: Maternal/Child Nursing – Clinical**2.0 units – 90 hours**

This course will prepare the nursing student to apply specific skills, multidisciplinary teams, effective communication, the nursing process, and concepts in care for the maternal/child health client in the clinical/skills lab setting. **A grade of "C" or better is required to earn credit for this course.**

RN35: Intermediate Medical Surgical Nursing Theory**3.0 units – 45 hours**

This is the intermediate Medical-Surgical Nursing course. Course content includes the theoretical foundation of patients with acute illness in medical-surgical setting. **A grade of "C" or better is required to earn credit for this course.**

RN35L: Intermediate Medical Surgical Nursing – Clinical**3.0 units – 135 hours**

This course provides students with the application of theory to the clinical setting. Students will integrate concepts and practices of intermediate medical-surgical nursing, focusing on the adult through geriatric patient in the acute care medical-surgical environment. **A grade of "C" or better is required to earn credit for this course.**

RN36: Health Appraisal**3.0 units – 30 hours**

Health appraisal integrates psychosocial and pathophysiological processes, which includes techniques of history taking and health assessment in nursing practice and knowledge of normal findings and common deviations. **A grade of "C" or better is required to earn credit for this course.**

RN43: Mental Health Psychiatric Nursing – Theory**3.0 units – 45 hours**

In this course, students are introduced to basic mental health psychiatric concepts, including mental health disorders and diagnoses. Students gain insights to the role of the nurse in a variety

of mental health psychiatric settings. **A grade of "C" or better is required to earn credit for this course.**

RN43L: Mental Health Psychiatric Nursing – Clinical**2.0 units – 90 hours**

In this course, students will apply mental health psychiatric nursing theory to clinical situations. Students will interact with clients in acute care as well as community settings. **A grade of "C" or better is required for completion of the course.**

RN44: Leadership**3.0 units – 45 hours**

Management functions, issues and trends will be applied to varying leadership situations within a variety of health care systems. Content includes the Registered Nurse's role in planning, organizing staffing, and directing care. Current professional and social issues in leadership and management are incorporated. Emphasis is placed on the eight core competencies of professional behaviors: communication, assessment, clinical decision making, caring interventions, teaching/learning, collaboration, and managing care. **A grade of "C" or better is required to earn credit for this course.**

RN45: Advanced Medical Surgical Nursing – Theory**3.0 units – 45 hours**

This is the advanced Medical-Surgical Nursing course. Course content includes the theoretical foundation of the care of patients with complex multi-system illnesses in the critical care setting. **A grade of "C" or better is required to earn credit for this course.**

RN45L: Advanced Medical Surgical Nursing – Clinical**3.0 units – 135 hours**

This course provides students with application of advanced medical-surgical concepts in caring for adult patients with complex multi-system illness. Clinical site rotations include a variety of critical care settings. **A grade of "C" or better is required to earn credit for this course.**

RN46: Advanced Medical Surgical Theory**3.0 units – 45 hours**

This is the advanced Medical-Surgical Nursing course. Course content includes the theoretical foundation of the care of patients with complex multi-system illnesses in the critical care setting. **A grade of "C" or better is required to earn credit for this course.**

RN46L: Advanced Medical Surgical Clinical**4.0 units – 180 hours**

This course provides students with application of advanced medical-surgical concepts in caring for adult patients with complex multi-system illness. Clinical site rotations include a variety of critical care settings. **A grade of "C" or better is required to earn credit for this course.**

RN50: Work-Study**0.0 units – variable hours**

RN Work-Study provides students enrolled in the Nursing Program an opportunity to obtain structured work-study experiences, under the supervision of registered nurses, in participating health care agencies. Work-Study provides opportunities for additional practice and development of confidence and critical thinking through application of previously learned knowledge and skills. The grade earned in this course is Credit/No Credit. This course is not a graduation requirement.

RN51: NCLEX Review**0.0 units – 30 hours**

Students will study various methodologies for successfully completing the NCLEX examination. The development of a personalized plan for NCLEX exam preparation will be completed.

RT 1: Clinical Practice – Rotation 1**1.0 unit – 45 hours**

This course will prepare the student for their clinical rotations with preparatory requirements, certifications, orientations, introduction to clinical paperwork, clinical competencies manual, safety procedures, and clinical seminars. **A grade of "C" or better is required to earn credit for this course.**

RT 2: Clinical Practice – Rotation 2**5.0 units – 255 hours**

Students will participate in clinical rotations in acute and sub-acute respiratory therapy conducted at local hospitals and medical centers. The student will be assessed on supervised clinical practice and completion of clinical assignments and performance objectives. **A grade of "C" or better is required to earn credit for this course.**

RT 3: Clinical Practice – Rotation 3**6.0 units – 300 hours**

Students will participate in clinical rotations in adult intensive care, emergency care, and pediatric floor care conducted at local hospitals and medical centers. The student will be assessed on supervised clinical practice and completion of clinical assignments and performance objectives. **A grade of "C" or better is required to earn credit for this course.**

RT 4: Clinical Practice – Rotation 4**6.0 units – 300 hours**

Students will participate in advanced rotations in adult, pediatric, and neonatal critical care conducted at local hospitals and medical centers. Specialized clinical experiences, as available, in respiratory home care, asthma education, pulmonary function testing, sleep studies, land/air patient transport, intra-hospital patient transport, disaster management, medical emergency team (MET) and pulmonary rehabilitation. The student will be assessed on supervised clinical practice and completion of clinical assignments and performance objectives. **A grade of "C" or better is required to earn credit for this course.**

RT 10: Introduction to Respiratory Care**10.0 units – 228 hours**

This course provides an introduction to the physical world to students in health majors and to practices encountered within health care environments. Topics will include classroom theory and laboratory exploration of physical dynamics as they relate to health professions, with an emphasis in respiratory care, as well as advanced directives, patient bill of rights, and bioterrorism preparedness and management. Procedures and practices related to common settings will be explored. **A grade of "C" or better is required to earn credit for this course.**

RT 20: Fundamentals of Respiratory Care**4.0 units – 98 hours**

The focus of this course is on the cardiopulmonary systems and the application of protocol-based clinical Respiratory Therapy treatment to deliver disease-specific patient care. Respiratory pathophysiology, assessment techniques and indices, basic pharmacology as it applies to the treatment and prevention of pulmonary disease, humidity and aerosol modalities as they apply to the treatment of pulmonary disease, electrophysiology, and correlation of acid-base and arterial blood gas interpretation are among the topics emphasized. **A grade of "C" or better is required to earn credit for this course.**

RT 30: Principles of Respiratory Care**7.0 units – 152 hours**

The focus of this course is management of the airway and mechanical ventilation. Topics include endotracheal intubation, advanced airway management, resuscitation devices, invasive and non-invasive ventilation, tracheostomy care, and initiation, monitoring, managing, and discontinuation of mechanical ventilation. Students will apply hemodynamics to positive pressure ventilation. **A grade of "C" or better is required to earn credit for this course.**

RT 31: Essentials of Respiratory Care**7.0 units – 152 hours**

The focus of this course is special applications in respiratory care, and neonatal and pediatric respiratory care. Topics include: neonatal and pediatric anatomy, physiology, and pathology. Specialized diagnostics and certifications also occur during this course. **A grade of "C" or better is required to earn credit for this course.**

RT 40: Advanced Respiratory Care**7.0 units – 152 hours**

The focus of this course is advanced pulmonary function testing and critical care with emphasis on hemodynamic monitoring. Topics include advanced physical, radiological, and clinical laboratory assessment along with invasively monitored cardiac assessment and special procedures. Routine and specialized pulmonary function tests are also covered. **A grade of "C" or better is required to earn credit for this course.**

RT 41: Specialized Respiratory Care**7.0 units – 152 hours**

The focus of this course is alternate work sites and job readiness for successful employment in Respiratory Care. Topics include land/air

patient transport, disaster management, patient and family education and health management, case management, home care, long term care, pulmonary rehabilitation, and sleep studies. Job readiness along with licensure and credentialing examination preparation also occurs in this course. **A grade of "C" or better is required to earn credit for this course.**

SOC 1: Introduction to Sociology

3.0 units – 45 hours

This course includes a survey of social structure, theory, and their implications for individuals in a dynamic environment. Cultures, family, organizations, groups, ethnic and political influences and politics are topics covered.

SOC 125: Diversity in the Workplace

3.0 units – 45 hours

This course looks at the realities of working in a diverse environment. It also provides the tools that can be used by managers and employees to recognize and value differences. Students will examine stereotypical thinking, behaviors, attitudes, and how stereotypical thinking can impact the workplace, break down communication, and create obstacles to effective teamwork. Legal implications will also be studied.

SPC 1A: Introduction to Public Speaking

3.0 units – 45 hours

The theory and techniques of public speaking will be addressed in this course. Emphasis on the logical organization and composition of informative and persuasive speeches and practice in clearly stating and developing ideas will be covered. Techniques and tools for confidence building and reducing anxiety are also included in this course.

STC 3: Clinical Experience 1

5.0 units – 225 hours

Under direct supervision, at the assigned clinical site, the student will perform non-sterile and sterile surgical case management duties. Assignments may include the sterile processing department, preoperative holding area, surgery department, and the post-anesthesia care unit. The clinical sites are located within a 60-mile radius of the campus. **A grade of "C" or better is required to earn credit for this course.**

STC 4: Clinical Experience 2

7.0 units – 315 hours

Under direct supervision, at the assigned clinical site, the student will perform non-sterile and sterile surgical case management duties. The student must participate in a minimum of 120 select surgical cases. The clinical sites are located within a 60-mile radius of the campus. **A grade of "C" or better is required to earn credit for this course.**

STL 1: Surgical Case Management Lab

2 units – 45 hours

In this course students will practice the basic skills related to the principles of asepsis and the practice of sterile technique. The three phases of surgical case management are learned in the simulated operating room. Corresponds with STT 12: Surgical Case

Management. **A grade of "C" or better is required to earn credit for this course.**

STL 2: Basic Surgical Procedures Lab

2 units – 45 hours

Building on the basic skills learned in STL 1, students will assimilate surgical case management into regular practice and carry out mock surgical procedures in the simulated operating room. **A grade of "C" or better is required to earn credit for this course.**

STT 11: Introduction to Surgical Technology

5 units – 90 hours

This course covers development of medicine, surgery, and the field of surgical technology. Related professional practice issues are discussed. Patient care concepts, pharmacology, anesthesia, information technology, electricity, robotics, all-hazards preparation, and microbiology will also be studied. Basic Life Support for Healthcare Providers (CPR) is included. **A grade of "C" or better is required to earn credit for this course.**

STT 12: Surgical Case Management

3 units – 45 hours

Orientation to the surgical environment includes introduction of the roles of the surgical team members, attire, furniture, instrumentation, equipment, and supplies. The principles of asepsis and the practice of sterile technique are introduced. Fundamental elements of the three phases of surgical case management are presented. **A grade of "C" or better is required to earn credit for this course.**

STT 22: Basic Surgical Procedures

9 units – 150 hours

This course introduces noninvasive and invasive diagnostic procedures as well as basic surgical interventions for the following: general, obstetric and gynecologic, endoscopic, otorhinolaryngologic, genitourinary, trauma, and orthopedic. **A grade of "C" or better is required to earn credit for this course.**

STT 33: Advanced Surgical Procedures

7 units – 120 hours

This course encompasses an in-depth study of relevant surgical anatomy, physiology, pathophysiology, and diagnostic interventions as well as factors unique to the following advanced procedure areas: ophthalmic, oral and maxillofacial, plastic and reconstructive, oncologic, cardiothoracic, peripheral vascular, neurosurgical, and pediatric. **A grade of "C" or better is required to earn credit for this course.**

STT 44: Professional Development

6 units – 90 hours

Professional development and employability skills including resume writing and interview techniques are mastered. A comprehensive study of information learned throughout the program is provided in preparation for the National Certification Examination offered by the National Board of Surgical Technology and Surgical Assisting (NBSTSA). **A grade of "C" or better is required to earn credit for this course.**

VN 9: Anatomy and Physiology for Vocational Nurses**3.0 units – 45 hours**

This course focuses on the anatomy of the human body and how the organs function in a healthy state. This course will provide an understanding of how disease processes affect the human body. Pathophysiology is introduced and further explored in the nursing theory courses. **A grade of "C" or better is required to earn credit for this course.**

VN 11: Clinical Pharmacology for Nurses**4.0 units – 60 hours**

All phases of clinical pharmacology, types of drugs, general drug actions and uses, adverse effects, clinical consideration, and patient teaching will be covered. **A grade of "C" or better is required to earn credit for this course.**

VN 14: Nursing Fundamentals Theory**6.0 units – 90 hours**

This course focuses on the patient centered study of fundamental nursing concepts and basic bedside nursing skills that apply to all clinical areas in vocational nursing. **A grade of "C" or better is required to earn credit for this course.**

VN 21: Nursing of the Mature Adult Theory**8.0 units – 120 hours**

This course provides a foundation in the study of nursing care related to adult clients experiencing disorders of the integumentary system, skeletal system, muscular system, nervous system, sensory system, endocrine system, cardiovascular system, respiratory system, digestive/gastrointestinal system, urinary system, and metabolic/nutritional disorders. Other topics to be covered are: legal/ethical issues, community resources, diagnostic testing, patient education, rehabilitation, communicable diseases, cultural influences, and death/dying. **A grade of "C" or better is required to earn credit for this course.**

VN 32: Maternity Nursing Theory**3.0 units – 45 hours**

This course applies the nursing process to the care of the mother and newborn baby, including prenatal care, stages of labor, delivery, and postpartum care with emphasis on patient teaching, legal/ethics, communication, community resources, cultural influence, substance abuse, and death and dying. **A grade of "C" or better is required to earn credit for this course.**

VN 33: Pediatric Nursing Theory**3.0 units – 45 hours**

This course applies the nursing process to the care of the infant, toddler, preschool child, school age child and the adolescent with additional emphasis on patient teaching, legal/ethics, communication, community resources, cultural influence, substance abuse, and death and dying. **A grade of "C" or better is required to earn credit for this course.**

VN 40: Critical Care Concepts Theory**8.0 units – 120 hours**

This course builds on the foundations of basic and intermediate medical surgical nursing classes to provide current concepts in

advanced medical surgical nursing, mental health and community based nursing. **A grade of "C" or better is required to earn credit for this course.**

VN 46: Nursing Ethics and Professionalism**2.0 units – 30 hours**

This course has nursing ethics and the development of the student's skills in leadership, supervision, and management as its focus. Classes include principles of paradigm thinking, becoming a change agent, and conflict resolution. Nursing, medical, and psychosocial issues that impact nurses and the nursing profession will be discussed. **A grade of "C" or better is required to earn credit for this course.**

VN 51: Pharmacology: Dosages and Calculations**2.0 units – 30 hours**

This class presents clinical applications for usual dosage determination and preparation through the use of arithmetic calculations, using both the metric and apothecary systems, involving fractions, decimals, ratios, and percentages. **A grade of "C" or better is required to earn credit for this course.**

VN 100: Nursing Fundamentals of the Adult Clinical Rotation**3.0 units – 160 hours**

This course provides a clinical application in the study of nursing care related to adult clients experiencing disorders of the integumentary system, skeletal system, muscular system, nervous system, sensory system, endocrine system, cardiovascular system, respiratory system, digestive/gastrointestinal system, urinary system, and metabolic/nutritional disorders. Other topics to be covered are: legal/ethical issues, community resources, diagnostic testing, patient education, rehabilitation, communicable diseases, cultural influences, and death/dying. **A grade of "C" or better is required to earn credit for this course.**

VN 112: Nursing Fundamentals Skills Lab**1.0 unit – 80 hours**

This course focuses on the patient centered study of fundamental nursing concepts and basic bedside nursing skills that apply to all clinical areas in vocational nursing. This course provides comprehensive HIPAA (Health Insurance Portability and Accountability Act) compliance training. **A grade of "C" or better is required to earn credit for this course.**

VN 201: Nursing of the Mature and Older Adult Clinical Rotations**5.0 units – 240 hours**

This course provides a clinical application in the study of nursing care related to mature and older adult clients experiencing disorders of the integumentary system, skeletal system, muscular system, nervous system, sensory system, endocrine system, cardiovascular system, respiratory system, digestive/gastrointestinal system, urinary system, and metabolic/nutritional disorders. Other topics to be covered are: legal/ethical issues, community resources, diagnostic testing, patient education, rehabilitation, communicable diseases, cultural influences, and death/dying. **A grade of "C" or better is required to earn credit for this course.**

VN 301: Maternity and Pediatric Nursing Clinical Rotations
5.0 units – 240 hours

This course is the clinical application of the nursing process to the care of the maternity and pediatric patient. Topics include prenatal care, stages of labor, delivery, and postpartum care with emphasis on patient teaching, newborn and pediatric patient care in the clinical setting, legal/ethics, communication, community resources, cultural influence, substance abuse, and death and dying. **A grade of "C" or better is required to earn credit for this course.**

VN 401: Advanced Nursing Care in Medical/Surgical, Mental and Community Health Clinical Rotations
5.0 units – 240 hours

This course is the clinical application of nursing care concepts in advanced medical surgical nursing including mental health and community based nursing. **A grade of "C" or better is required to earn credit for this course.**

VN 501: Comprehensive Licensure Exam Review
2.0 units – 40 hours

This course focuses on review and preparation for passing the licensing exam required by the State Board of Vocational Nursing that allows a VN graduate from the State Board accredited program to become a Licensed Vocational Nurse. The course is designed to teach test taking strategies, assess knowledge needed and psychological approaches for successfully passing the exam. The exam is known as the National Certification Licensing Exam (NCLEX). **A grade of "C" or better is required to earn credit for this course.**

VRT 101: Anatomy and Physiology of Domestic Animals
5.0 units – 90 hours

Students will learn biological foundations and scrutinize the comparative anatomy and physiology of selected species of animals. Through lecture and lab demonstrations, emphasis will be placed on the variations in each species. Professional veterinary terminology will be introduced and organ systems and disease will be explored through a dissection project. **A grade of "C" or better is required to earn credit for this course.**

VRT 104: Companion Animal Nursing
5.0 units – 90 hours

This course focuses on infectious and non-infectious diseases of small animals. Students will identify the basic principles of disease transmission, pathology, and prevention. They will distinguish the common disorders of organ systems, and evaluate methods for their prevention and treatment. Students will discuss therapeutic nutrition options and the specialized care and hand-rearing of orphaned domestic small animals.

VRT 105: Fundamentals of Animal Nursing
3.0 units – 90 hours

Students will learn the role of the veterinary technician and assistant in various occupational settings. They will discuss the legal and ethical responsibilities, as well as the communication skills needed for an office setting. Identification, behavior, care, and husbandry of domestic species will be studied using proper medical terminology. Students will begin to perform safe animal capture, handling, and restraint techniques as well as essential veterinary nursing skills.

VRT 205: Laboratory Procedures
5.0 units - 90 hours

This course focuses on demonstrations and laboratory exercises covering routine examinations of blood, urine, feces, and cytology from a variety of species. Normal and abnormal values will be presented and treatment for disorders will be discussed. The use and proper handling of lab equipment and lab samples will be analyzed. Basic microbiological procedures will be discussed and demonstrated. **A grade of "C" or better is required to earn credit for this course.**

VRT 207: Farm Animal Nursing
3.0 units - 45 hours

In this course, students will explore clinical farm animal care. They will learn to properly restrain, medicate, and care for farm animals (primarily working with ruminants and equine), assisting the veterinarian in a variety of clinical, radiographic, and surgical procedures. Students will be able to describe effective breeding programs, the care of neonatal farm animals, and common farm animal diseases and treatments. **A grade of "C" or better is required to earn credit for this course.**

VRT 208: Advanced Pharmacology
3.0 units - 45 hours

This course presents an overview of veterinary pharmaceuticals, formulations and dosage recommendations as they are used for treatment and/or prevention of some of the more common animal diseases. Pharmaceutical interactions on the body are discussed as well as state regulations and federal guidelines in the dispensing of medications. Basic drug dosages will be explained and practiced, and personal drug reference materials will be developed. **A grade of "C" or better is required to earn credit for this course.**

VRT 300: Beginning Diagnostic Imaging
2.0 units - 45 hours

Students will participate in beginning applications and techniques of diagnostic x-ray in the veterinary setting. Current state safety regulations and requirements are discussed, and quality assurance equipment testing is demonstrated. Students will perform proper animal restraint, process films and verify image accuracy. Students will also spend time in this course practicing and demonstrating other veterinary lab skills required before clinical rotation. **A grade of "C" or better is required to earn credit for this course.**

VRT 308: Advanced Pharmacology
3.0 units – 45 hours

This course emphasizes the chemistry of drugs, their pharmacodynamics and the pharmacokinetics with various species. Blood transfusion, fluid therapy nursing, alternative drug therapies, toxicological crisis situations, behavioral drugs and modification techniques will be studied. In-depth dosage calculation exercises will be performed. **A grade of "C" or better is required to earn credit for this course.**

VRT 330: Beginning Surgical Assisting
5.0 units – 90 hours

In this course students will demonstrate essential Veterinary Technician surgical team skills such as asepsis, sterilization, medical documentation, and surgical patient preparation. Components of an

anesthetic machine and their functions, as well as anesthetic and analgesic drug classifications, patient monitoring and endotracheal intubation will be discussed. Students will also apply surgical nursing skills from the beginning to end of the surgical process, completing all documentation, interacting with clients, using aseptic techniques, and practicing sterilization and sanitation of the operating suite.

VRT 340: Advanced Surgical Procedures

5.0 units – 90 hours

This course focuses on advanced licensure procedures for the Veterinary Technician. These include principles of anesthesia induction, advanced surgical nursing techniques, dental prophylaxis and extractions, suture techniques, bandaging, splinting, emergency and critical care. Basic disaster planning and pet CPR are included. Students will also demonstrate competency of advanced veterinary technician skills with anesthetic induction, suture techniques and dental prophylaxis and extraction techniques. Surgical assistance aptitude, critical care knowledge, and proper emergency response protocols will be performed and assessed.

VRT 390: Veterinary Clinical Rotation

1.0 unit - 50 hours

Students will observe and participate in veterinary technician duties in a veterinary clinic or hospital setting affiliated with the College. Various settings may be available depending on the student's area of interest and the availability of sites. Hours and site locations are to be arranged with the instructor and facility. **A grade of "C" or better is required to earn credit for this course.**

VRT 403: Advanced Diagnostic Imaging Applications

2.0 units – 45 hours

This course provides an overview of radiation control regulations and advanced techniques in radiology. Student will produce quality

radiographs and perform various restraint techniques, including special positioning for orthopedics, thoracic and abdominal films. Contrast studies, dental x-rays, ultrasound, CT, MRI, and basic endoscopy will be discussed. Students will also continue to practice other lab skills when not producing radiographs. **A grade of "C" or better is required to earn credit for this course.**

VRT 406: Exotic and Lab Animals

3.0 units – 45 hours

In this course students will learn to care for lab and exotic pet animals such as rodents, rabbits, birds, reptiles, amphibians, and various species. They will study basic care, handling, and restraint, nail trims, and physical exams. Students will practice basic venipuncture techniques and administration of medications on these various species. **A grade of "C" or better is required to earn credit for this course.**

VRT 407: Course Review and Essential Skills

2 units – 45 hours

In this course students will apply the knowledge gained throughout the program to preparation for the licensure exam and career. Students will practice answering exam questions as well as have hands-on lab time to solidify essential skills. Students will also reflect on how to prevent test anxiety and practice test preparation techniques. **A grade of "C" or better is required to earn credit for this course.**

VRT 492 – Externship

5.0 units – 225 hours

This course provides continued work experience in a clinical setting under direct supervision of a veterinarian or RVT associated with the college. Hours and sites will be arranged by the student and approved by the veterinary faculty. Students will submit a completed supervisor evaluation, based on job tasks performed in the practice.

SECTION 9

ADMINISTRATION AND FACULTY

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BOARD OF GOVERNORS

Joanne Farnsworth
Community Representative

Susan Good
Community Representative

Marlea Lyon
Community Representative

Carol McLellan
Community Representative

Mark Perry
Board of Directors Member

Michael Perry
Board of Directors Member

John R. Swiger, Ed.D.
Community Representative

BOARD OF DIRECTORS

Mark Perry
Chairman

Michael Perry
President/Chief Executive Officer

SENIOR MANAGEMENT TEAM

Michael S. Abril
Vice President of Legal and Regulatory Affairs
J.D., University of Southern California
M.B.A., University of Southern California
B.A., University of California, Davis

Carole Brown
Vice President of Academic Affairs
M.A., Education, California State University Fresno
B.A., Liberal Studies, California State University Chico

Nick Gomez
Chief Operating Officer
M.B.A., Emphasis: Leadership and Managing Organizational Change, Pepperdine University
B.S., Business Management, University of Phoenix

Joseph Holt
Chief Administrative Officer
M.A., Organizational Studies, Fresno Pacific University
B.A., Communications, California State University, Bakersfield

Russ Lebo
Chief Financial Officer
M.B.A., University of Redlands
B.S., Business Administration/Accounting, California State University, Stanislaus

Wendy Mendes
Vice President of Administration

Mark Perry
President

Michael Perry
Chief Executive Officer

Kevin Robinson
Vice President of Student Financial Services
B.A., Biology, California State University Fresno

BAKERSFIELD CAMPUS ADMINISTRATION

Kelly Macy

Campus Director

B.A., Psychology, California State University, Bakersfield

Eric Lindberg

Academic Dean

M.A., Psychology, University of the Rockies

B.A., Organizational Leadership, Fresno Pacific University

Alma Gonzales

Dean of Student Services

B.A., Sociology, University of California, Berkeley

Larry Hidalgo

Evening Dean & Criminal Justice Program Director

B.S., Criminology and Criminal Justice, Portland State University

BUSINESS STUDIES FACULTY

Fernando Gutierrez

B.S., Physical Therapy, California State University, Fresno

A.A., Liberal Arts, Bakersfield College

Jan Klawitter

A.S., Medical Assisting, Bakersfield College

Anthony Rond

A.S., Surgical Technology, San Joaquin Valley College

Additional degree requirement waived

Michael Rugnao

A.A., Liberal Arts, Bakersfield College

Terry Verdun

MBA, California State University, Bakersfield

B.A., Liberal Arts, University of Louisiana

Adjunct

Cathy Frampton

M.B.A., California State University, Bakersfield

B.S., Business Administration, California State University, Bakersfield

A.A., Business Administration, Bakersfield College

Luis Lara

A.A., Liberal Arts, Bakersfield College

Joel Park

Degree requirement waived

Lori Pesante

JD, Law, University of California Hasting College

B.A., Philosophy, Seattle University

Stacy Rocha

B.S., Criminal Justice, University of Phoenix

Bob Stratton

B.S., Social Science, Colorado State University, Pueblo

A.A., Administration of Justice, Bakersfield College

Larry Sturtevant

B.A., Criminal Justice, California State University, Bakersfield

A.A., Liberal Arts, Bakersfield College

GENERAL EDUCATION FACULTY

Tammis Bennett

B.A., English, University of Oregon

Nathan Boles

B.A., Religious Studies, California State University, Bakersfield

Adjunct

Deborah Davidson

B.S., Statistics, University of California, Los Angeles

B.A., Sociology, University of California, Los Angeles

Amanda Dominguez

B.A., Sociology, California State University Bakersfield

Russell Grimes

B.A., Engineering, California Polytechnic State University, San Luis Obispo

Darlan Moore

B.S., Mathematics, California State University, Bakersfield

Lauren Moore

M.B.A., University of Phoenix

B.S., Business Administration, California State University, Bakersfield

Angie Olmedo

B.A., Criminal Justice, California State University, Bakersfield

Alejandra Perez

M.A., Education, California State University Bakersfield

Timothy Perko

M.S., Chemistry, University of Dayton

B.S., Chemistry/Mathematics, Bluffton College

Mary Phillips

M.S., Psychology, University of Phoenix

B.A., Liberal Arts, Fresno Pacific University

Daniel Vaughn

B.S., Soil and Plant Nutrition, University of California, Berkeley

Sara Wallace

M.A., English Literature, Mills College

B.A., Literature, University of California, Santa Cruz

Thomas Wallace

B.A., Political Science, University of California, Berkeley

Cliff Watts

B.S., Accounting, Azusa Pacific University

HEALTH STUDIES FACULTY

Martin Aguayo

A.S., Respiratory Therapy, San Joaquin Valley College

Diana Alvarez-Torres

A.A., Healthcare Administration, American InterContinental University

Jacquelyn Ginter

A.S., Respiratory Therapy, San Joaquin Valley College

Kerry Green

Program Director, Respiratory Therapy
B.S., Business Administration, California State University, Bakersfield
A.S., General Education, Rio Hondo College

Chanin Hartnett

A.S., Dental Assisting, San Joaquin Valley College
A.S., Math and Science, Victor Valley Community College

Tara Howard

A.S., Dental Assisting, San Joaquin Valley College

Patricia Siefkas

Program Director, Surgical Technology
Certificate, Surgical Technology Bakersfield College

Iris Martinez

A.S. *in progress*, Liberal Arts, Taft College

Vicente Moreno Jr.

A.S., Pharmacy Technology, San Joaquin Valley College

Stacy Neff

A.S., Dental Assisting, San Joaquin Valley College

Loye Pool

A.A., Liberal Arts, Bakersfield College

Robin Popejoy

A.S., Surgical Technology, San Joaquin Valley College

Steven Prince

A.S., Pharmacy Technology, San Joaquin Valley College

Darrell Reed

A.S., Radiologic Technology, Bakersfield College

Larry Romero

A.S., Respiratory Therapy, San Joaquin Valley College

Kimberly Rosalez

Program Director, Dental Assisting
A.S., Dental Assisting, San Joaquin Valley College

Brian Ruff

B.A., Organizational Management, Ashford University
A.S., Respiratory Therapy, San Joaquin Valley College

Susan Smekal

Associate of Technical Arts, Radiologic Technology, Tacoma Community College

Frank Vlasic

Clinical Coordinator, Therapeutic Massage
A.A., Physical Education, Bakersfield College

Adjunct

Jakob Atkinson

A.S., Respiratory Therapy, San Joaquin Valley College

Kimber Aydelotte

A.S., Biology, Bakersfield College

Shelley Banks

A.S., Surgical Technology, San Joaquin Valley College

Penny Blake

A.S., Business Studies, San Joaquin Valley College

Joe Carter

B.S., Sociology, University of Utah

Silso Gantong

A.S., Respiratory Therapy, San Joaquin Valley College

Wendy Kolb

A.S., Pharmacy Technology, San Joaquin Valley College

Bertha Ledezma

A.S., Clinical and Administrative Medical Assisting, San Joaquin Valley College

Alison McGhee

A.S., Respiratory Therapy, San Joaquin Valley College

TECHNICAL STUDIES FACULTY

Adjunct

Mark Arispe Jr.

A.S., Heating, Ventilation, Air Conditioning and Refrigeration, San Joaquin Valley College

James Greer

Degree requirement waived

Timothy Wise

Degree requirement waived

FRESNO CAMPUS ADMINISTRATION

Sumer Avila

Campus Director

M.A., Education, California State University, Fresno

B.A., Psychology, California State University, Fresno

Will Cummings

Dean of Student Services

B.A., History, California State University, Fresno

Lisa Kisla

Academic Dean

B.S., *in progress*, Business Administration, California State University, Fresno

Robin Gordon

Division Manager

B.S., Business Administration, California State University, Fresno

BUSINESS STUDIES FACULTY

Scott Carlton

Criminal Justice Program Director

B.S., Criminal Justice, Chadwick University, Alabama

A.S. Business Administration, San Joaquin Valley College

Belinda Garcia

B.S., Business, University of Phoenix

Robin Gordon

B.S., Business Administration, California State University Fresno

Susan Hernandez

B.S., Business, National University

John Morrison Jr.

B.A., Psychology, Whitworth University

Raul Ponce Jr.

M.B.A., National University

B.A., Liberal Studies, California State University, Fresno

Adjunct

Kassandra Davis-Schmall

A.A., General Studies, Reedley College

John Esparza

B.S., Criminology/Law Enforcement, California State University, Fresno

Jan Guinn

A.A., Health Care Administration, College of the Siskiyous

Larry W. Leach

Jose "Joe" Rodriguez

B.S., Criminology/Law Enforcement, California State University, Fresno

A.A., Liberal Arts, West Hills Community College

LaYneeta Shipman-Mills

B.S., Criminal Justice, Union Institute and University

A.A., General Studies, Fresno City College

Jesse Townsend

B.A., Criminology, California State University, Fresno

A.S., General Studies, Reedley College

GENERAL EDUCATION FACULTY

Leticia Cerpa

B.A., Psychology, California State University, Fresno

Albert Rodriguez

B.A., Philosophy, California State University, Fresno

A.A., Liberal Arts, Fresno City College

Adjunct

Allison Beasley

B.A., English, California State University Fresno

Xi Chang

B.S., Health Science, California State University Fresno

Kenneth Kramer

B.A., Politics, Fairfield University

Kristopher Madden

M.A., English, National University

B.A., English, National University

Lisa McHarry

B.A., English, California State University Fresno

Melinda Pecina

B.S., Animal Science, California State University, Fresno

Frank Phillips

B.A., Philosophy, California State University, Fresno

Edward Stewart

M.A., Old Testament, Mennonite Brethren Biblical Seminary

B.A., Biblical Studies, Fresno Pacific College

Jonathan Von Ah

MD, Divinity, Mennonite Brethren Biblical Seminary

HEALTH STUDIES FACULTY

Candace Hunter

A.A. *in progress*, Liberal Arts, West Hills Community College

Sandra LeCorre

Certificate, San Joaquin Valley College
A.S., *in progress*, Social Science, Fresno City College

Robin Lopez

A.S., Veterinary Technology, Western Career College

Carolyn Martinez

A.S., Surgical Technology, San Joaquin Valley College
A.A., Liberal Arts, Gavilan Junior College

Tamara McNealy

Program Director, Dental Assisting
A.S., Health Studies, San Joaquin Valley College
B.S., Health Sciences, Bellevue University

Annalise Minks

Clinical Coordinator, Surgical Technology
A.S., Surgical Technology, San Joaquin Valley College

Judy Neumann

A.S., Veterinary Technology, San Joaquin Valley College

Jessica Palacios

D.V.M., Washington State University
B.S., Veterinary Medicine, Washington State University

Sheryl Rounsivill

A.S., Clinical and Administrative Medical Assisting, San Joaquin Valley College

Satwinder Sohail

M.A., Sociology, Punjabi University
B.A., Humanities, Punjabi University

Nicole Weiss

A.S., Health Studies, San Joaquin Valley College

Minerva Zepeda

A.A. *in progress*, Liberal Studies, Sequoia College

Adjunct**Christina Berry**

Certificate, Veterinary Technology, San Joaquin Valley College

Kimberly Dickson

M.S., Health Care Management, Concordia University

Erika Hultquist

A.S., Business Management, Fresno City College

Kristina Manankil

A.A., Liberal Arts, Fresno City College

Mira Minton

B.A., Community Studies, University of California Santa Cruz

Robyn Nearn

PhD, Veterinary Medicine, University of California Davis

Melody Quinn

A.A., Liberal Arts, Fresno City College

Brittney Steiner

A.S., Medical Assisting, Heald College

TECHNICAL STUDIES FACULTY**Christopher Barger**

B.S., Industrial Technology, California State University, Fresno

Adjunct**Jerry Brackett**

A.S. *in progress*, HVACR, Fresno City College

Seng Maokhamphiou

A.S., Heating, Ventilation, Air Conditioning, San Joaquin Valley College

**FRESNO AVIATION CAMPUS
ADMINISTRATION****Jack Macfarlane**

Campus Director
Ed.D., North Central University
M.S. Ed., Saint Joseph College
B.S., Sociology, Regents College

Jason Alves

Academic Dean
A.S., Aviation Maintenance Technology, San Joaquin Valley College
FAA Inspection Authorization
FAA Designated Mechanical Examiner

GENERAL EDUCATION FACULTY**Adjunct****Jodi Harrell**

M.S., Industrial and Organizational Psychology, Alliant International University
M.A., Counseling and Psychology, Alliant International University
B.A., Psychology, California State University, Fresno

Jody Mills

B.A., Contemporary Christian Ministry, Fresno Pacific University

Thomas Sabatino

B.A., Philosophy, California State University Fresno

John Shoaf

M.Ed., Postsecondary Education, University of Nevada Las Vegas

TECHNICAL STUDIES FACULTY

Don Dutra

A.S., Professional Aeronautics, Embry-Riddle Aeronautical University

Richard Simmons

Program Director

FAA Inspection Authorization

FAA Designated Mechanical Examiner

Degree requirement waived

Lionel Smith

B.A., Business Administration, Columbia University

Joseph Wong

A.S., Aviation Maintenance Technology, San Joaquin Valley College

HANFORD CAMPUS ADMINISTRATION

Don Wright

Campus Director

M.S., Management Information Systems, University of Southern California

M.B.A., Aviation, Embry Riddle Aeronautical University

B.S., Engineering, U.S. Naval Academy

April Lafaie

Academic Dean/ Division Manager

B.A., Liberal Arts, California State University, Fresno

A.A., Liberal Arts, College of the Sequoias

BUSINESS STUDIES FACULTY

Adjunct

Matthew Glasgow

B.S., Business Administration, California State University Fresno

A.A., Business, College of the Sequoias

George Hernandez

B.S., Criminology, California State University, Fresno

A.S., Administration of Justice, Ventura College

Daniel Nadler

B.A., Economics/Business, Westmont College

GENERAL EDUCATION FACULTY

Adjunct

Kelly LaFleur

B.A., Liberal Studies, Chapman University

A.A., Liberal Arts, College of the Sequoias

Jeffrey Nevins

B.A., Psychology, University of Redlands

HEALTH STUDIES FACULTY

Corinna Avina

A.S., Health Studies, San Joaquin Valley College

Patricia Bishop

A.S., Medical Office Administration, San Joaquin Valley College

Laura Cervantez

A.S., Health Studies, San Joaquin Valley College

Adjunct

Susan DeLong

A.S., Vocational Nursing, San Joaquin Valley College

Mary Fowler

A.S., Clinical Medical Assisting, San Joaquin Valley College

HESPERIA CAMPUS ADMINISTRATION

Richard Matley

Campus Director

A.A., Liberal Arts, Ventura College

B.A., Biblical and Theological Studies, Trinity College of the Bible

Cheri Johnson

Academic Dean

M.A., Education, Concordia University

B.S., Physical Education, Miami University

Christie Johnson

Dean of Student Services

B.A., History/Political Science, Concordia University

Tammy Latu

Division Manager

A.S., Medical Assisting, San Joaquin Valley College

BUSINESS STUDIES FACULTY

Andy Leuridan

A.S. Administration of Justice, Victor Valley Community College

Eddy Leuridan

A.A. *in progress*, Criminal Justice, Penn Foster College

Douglas Patch

A.S., *in progress*, Business, California Coast University

Evelyn Sheffield

B.A., Administration [Marketing Concentration], California State University, San Bernardino
 M.A. Education, California State University, San Bernardino
 A.A., General Education and Liberal Arts, Chaffey College

Michael Stewart

Program Director, Criminal Justice
 B.S., Criminal Justice Administration, University of Phoenix

Adjunct**Virgil Carey**

M.A., Public Administration, California State University, San Bernardino
 B.A., Public Administration, University of LaVerne
 A.A., Liberal Arts, Mt. San Antonio College

Cynthia Giffin

A.S., Criminal Justice, San Joaquin Valley College

Theodore Payne

A.A., General Education, Chabot College

Staci Porter

A.A., Health Professions, West Los Angeles College

Desiree Sanchez

B.A., Business Administration, University of La Verne
 A.A., Fine Arts, Victor Valley College
 A.S., Business Administration, Victor Valley College

GENERAL EDUCATION FACULTY**Jacqueline DelReal**

B.A., Liberal Studies, California State University, San Bernardino

Lydia Lanfranco

M.A., Psychology, Chapman University
 B.A., Sociology, Chapman University
 A.A., Liberal Arts, Victor Valley College

Lisa Woods

B.S., Biological Sciences, California Polytechnic State University, San Luis Obispo

Adjunct**Ronald Bonner**

B.A., Social Sciences, Azusa Pacific
 M.Ed, Education-Administration, Azusa Pacific
 A.A., Liberal Arts, Mount San Antonio Junior College

Rudolph Butler

B.A., Sociology, California State University San Bernardino
 Master of Public Administration, California State University San Bernardino

Stephanie Fenton

B.A., Liberal Studies, Azusa Pacific University

Debra Glasper

B.A., English, University of California, Los Angeles

Pamela Laybhen

B.A., Liberal Arts, University of La Verne
 A.A., Liberal Arts, Victor Valley Community College

Pilar Olid

B.A., Psychology, University of California, Los Angeles
 A.S., Math and Science, Victor Valley Community College
 A.A., Liberal Arts, Victor Valley Community College

Keyana Rhoden

M.A., Education, Claremont Graduate University
 B.A., English, Cal Poly, Pomona

Danielle Staton

B.A., Liberal Studies, University of La Verne

Timothy Warren

M.A., Education, Chapman University
 B.A., Applied Arts and Sciences, Texas State University

David Wilkerson

M.A., History, University of California, Riverside
 B.A., History, University of California, Riverside

HEALTH STUDIES FACULTY**Hallette Cast**

A.S., General Studies, Colorado Technical University

Juanita Garcia

A.S., *in progress*, Humanities/Nursing, Barstow Community College

April Green

A.S., *in progress*, Health Care Administration, California Coast University

Jennifer Hunt

A.S., *in progress*, Respiratory Therapy, American Career College

Adjunct**Dwanda Conner**

A.S., *in progress*, Science, Victor Valley College

Shanna Lynk

A.A., General Studies, University of Phoenix

Jillian Ramirez

A.S., *in progress*, Allied Health, South University

Stephanie Rutherford

A.S., Clinical and Administrative Medical Assisting, San Joaquin Valley College

Lynette Valle

B.A., Spanish, California State University, San Bernardino

Barbara Wright

A.S., Pharmacy Technology, San Joaquin Valley College

TECHNICAL STUDIES FACULTY

Scott Tober

A.S. *in progress*, Engineering, DeVry University

Adjunct**Peter Brown**

B.A., Liberal Studies, California State University San Bernardino

Joseph Campbell

A.A., *in progress*, History/Liberal Arts, Barstow Community College

James Fischer

A.A., General Studies, Anne Arundel Community College

Paul Kornyei

A.S., Heating, Ventilation, and Air Conditioning, San Joaquin Valley College

LANCASTER CAMPUS ADMINISTRATION

Cheri Johnson

Campus Director

M.A., Education, Concordia University

B.S., Physical Education, Miami University

Tammy Latu

Academic Dean

B.S., *in progress*, Applied Management, Grand Canyon University

BUSINESS STUDIES FACULTY

LaShawna Fortenberry

B.A., Healthcare Administration, Ashford University

Virginia Harris

A.S. *in progress*, Administrative Healthcare, Ashworth University

Adjunct**Leslie Harris**

B.S., Business Management, University of Phoenix

Franshella Hopkins-Jernigan

A.S., *in progress*, Allied Health, Riverside Community College

Julie Larry

M.B.A., California State University, Northridge

B.S., Business Administration, University of Southern California

Lee Walters

GENERAL EDUCATION FACULTY

Adjunct**Anna Carlson**

B.A., Psychology, California State University, Bakersfield

A.A., Letters, Arts, and Sciences, Antelope Valley College

Ashley Ford

M.A., Education, University of Phoenix

B.S., Business and Communications, University of Phoenix

A.A., General Studies, University of Phoenix

Nicole Grossberg

M.S., Atmospheric Science, University of Houston

B.S., Environmental Science, University of Houston

B.S., Mathematics, University of Houston

Buffie Maze

B.A., Liberal Studies, Simpson University

Michelle Varty

B.A., Social Science, Brandman University

A.A., Liberal Arts, Victor Valley Community College

HEALTH STUDIES FACULTY

Bunnie Cervantes

A.S. *in progress*, Science, Victor Valley Community College

Adjunct**Angelique Carpenter**

A.S., *in progress*, Science, Antelope Valley College

Jamila Clark

A.S., Registered Nursing, Antelope Valley Community College

Vincent Holloway

A.A., *in progress*, Humanities, College of the Canyons

Danny Rios

A.S., Pharmacy Technology, San Joaquin Valley College

Lindsay Sapp

A.S. *in progress*, Science, Antelope Valley College

TECHNICAL STUDIES FACULTY

Jeffrey Smeltz

MADERA CAMPUS ADMINISTRATION

Ben Almaguer

Campus Director

B.S., Management, University of Phoenix

BUSINESS STUDIES FACULTY

Adjunct

Angelo Dai'Re

B.S., Religious Science and Sociology/Human Development, Logos

Christian University

A.A., Legal Assistant, El Camino College

Belinda Garcia

B.S., Business, University of Phoenix

Jacob Wiens

B.A., Journalism, California State University Fresno

M.S., Management, Argosy University - Online

HEALTH STUDIES FACULTY

Adjunct

Maziar Aminsalehi

B.S., Management, Bellevue University

B.S., Master of Public Administration, Bellevue University

M.D., Medicine, Avalon University of Medicine

Tiffany Gregory

A.S., Clinical and Administrative Medical Assisting, San Joaquin
Valley College

Alycia Vetro

A.A., *in progress*, General Studies, Modesto Junior College

MODESTO CAMPUS ADMINISTRATION

Carla Tweed

Campus Director

B.A., Social Science, Chapman University

M.A., Education, Chapman University

Linda Thomas

Academic Dean

Ed.D., University of the Pacific

B.A., Political Science, University of California, Riverside

Alyssa Bahr Casillas

Dean of Student Services

M.A., Organization and Leadership, University of San Francisco

B.A., Political Science, University of San Francisco

Ed.D, Organization and Leadership, University of San Francisco

Alaine Johnson

Division Manager

A.S., Medical Assisting, Monterey Peninsula College

A.S., Medical Office Administration, Monterey Peninsula College

BUSINESS STUDIES FACULTY

Cindy Carney

B.A., Health Care Administration, Ashford University

A.S., Health Studies, San Joaquin Valley College

Kimberly Mendoza

B.A., Mathematics, California State University, Stanislaus

Adjunct

Donald Martin

Degree waived

GENERAL EDUCATION FACULTY

Ashvinder Singh

M.A., Education, University of Phoenix

B.S., Psychology, University of Phoenix

Alicia Still

B.S., Mathematics, University of the Pacific

Adjunct

Gabriela Vega

M.S., Marine Sciences, California State University, Stanislaus

B.S., Biology, California State University, Stanislaus

A.A., General Education, Modesto Junior College

HEALTH STUDIES FACULTY

Stephanie Baughn

A.A., General Studies, Modesto Junior College

Jodi Harmon

B.A. Psychology, University of Phoenix

Dennis King

B.S., Crop Science, California Polytechnic State University,
San Luis Obispo
A.A., General Education, Modesto Junior College

Kristina Perkins

A.S., Medical Assisting, Western Career College

Karin Popma

A.A., Liberal Arts, Gavilan College

Adjunct**Shari Comrie****Shawn Jimenez**

A.S., Human Resources, Institute of Technology

Nicole Lewis

B.A., Anthropology, University of California Davis

TECHNICAL STUDIES FACULTY**Steve Sochacki**

A.A., Engineering, San Joaquin Delta College

Adjunct**Alfonso Benavides**

B.S., Chemical Engineering, Instituto Tecnológico, Mexico

Trevelyn Blazzard

A.S., Engineering, University of California Davis

**ONLINE DIVISION
ADMINISTRATION****Pat Fox**

Director of E-Learning
A.A., Electronics Technology Track, University of Central Florida
B.S., Liberal Studies, University of Central Florida
M.A., Philosophy, California Institute of Integral Studies

Alyssa Perry-Rodriguez

Dean of Student Services
Bachelor of Business Administration, San Diego State University
MBA, Florida Institute of Technology

Nancy Lyles

Instructional Specialist
M.B.A., University of Phoenix
B.A., Business/Accounting, American Intercontinental University
A.S., Business Administration, San Joaquin Valley College

Patrick Krebs

Division Manager
B.A., Business Administration, Delta State University

BUSINESS STUDIES FACULTY**Michael McGuire**

M.B.A., Youngstown State University
B.S., Engineering, Youngstown State University

Adjunct**Janice Bella**

M.Ed., Technology Education, Old Dominion University
M.B.A., Business Administration, Old Dominion University
M.A., Forensic Studies, Indiana University, Bloomington
M.S., Occupational/Technical Studies, Old Dominion University
B.A., Interdisciplinary, Valparaiso University

Josephine Cuevas

A.A., Liberal Arts, Mt. San Antonio Junior College
B.S., Telecommunications Management, DeVry University
MBA, Keller Graduate School of Management

Marie Main

MBA, University of Phoenix
PhD, Capella University
B.S., Business Administration, University of Phoenix

Patrick O'Brien

Ph.D., Engineering Management, Walden University
M.S., Library Science, University of Pittsburgh
B.A., History, University of Pittsburgh

Theresa Paserb

M.S., Health Services Administration, Central Michigan University
B.S., Healthcare Management, Southern Illinois University,
Carbondale
A.A.S., Business, Suffolk County Community College

Julie Sahlin

M.S., Health Services Administration, Central Michigan University
MBA Campbell University

Kelly Williams

MBA, Keller Graduate School of Management

GENERAL EDUCATION FACULTY**Melissa Brewer**

B.A., Social Science, Chapman University
A.A., Liberal Arts, College of the Sequoias

Tammi Clearfield

M.S., Florida International University
PhD, University of Miami

Adjunct

Gina Bailey

M.S., Contract Management, University of Maryland
B.S., Legal Studies, University of Maryland

Jan Edwards-Webster

B.S., Mathematics, Bennett College
M.A., School of Education, North Carolina Central University
PhD, Curriculum & Instruction, Gardner-Webb University

Karen Lawler

A.A., General Studies, Cuesta College
B.A., English, California Polytechnic State University
M.A., English, California Polytechnic State University

Jennifer Rachal

B.A., English, National University

Emily Ware

B.A., Fashion Merchandising, California State University, Long Beach

HEALTH STUDIES FACULTY

Josh Farquharson

B.S., Health Science, NOVA
M.A., Information and Learning Technologies, University of Colorado
A.A., Pre-Physician Assistant, Miami-Dade College

Toni Gee

A.S., Health Care Administration, San Joaquin Valley College

Shelly Sowers

A.S., Nursing, Keiser College
A.A., Health Services Administration, Keiser College
A.S., Medical Assisting, Keiser College

Carol Williams

A.S., Health Studies, San Joaquin Valley College

Adjunct

Leon Deutsch

M.A., Education, University of Phoenix
Bachelor of Health Services, Florida Atlantic University

Freenae Williams

M.B.A., University of Phoenix
B.S., Health Care Administration, University of Phoenix
Associate of Applied Technology, Radiological Technology,
Southwest Georgia Technical College

ONTARIO CAMPUS ADMINISTRATION

Sherril Hein

Campus Director
B.A., Management, University of Phoenix

Chris Hooton

Academic Dean
B.S., HSC Community Health Education, California State University,
Long Beach

Lindsay Fotia

Dean of Student Services
M.A., Counseling/Guidance, New York University
B.A., Psychology, University of California, Riverside

Davina Cary

Division Manager
A.S., Clinical Medical Assisting, San Joaquin Valley College

BUSINESS STUDIES FACULTY

Angelia Crenshaw

Program Director, Criminal Justice
B.A., Human Development, Azusa Pacific

Diana Hogan

B.S., Business, University of Redlands

Karen Kennedy

A.A., General Education, Glendale Community College
Bachelor of Vocational Education, California State University,
San Bernardino

Andria Marrs

A.S., Construction Management, San Joaquin Valley College

Deborah Nichols

B.A., Business Administration, California State University, Fullerton

Adjunct

Darryl Chestnut

Degree requirement waived

Erika Oduro

B.A., Social Work, Azusa Pacific

Douglas Paris

Degree requirement waived

Kenneth Pollich

B.S., Vocational Arts, California State University, Long Beach
A.A., Liberal Arts, Chaffey Community College
A.A., General Education, Chaffey Community College

Doreen Salas

A.S., Correctional Science, Chaffey College

Maryann Sebelist

A.A., Business Administration, Chaffey College

Huston Walker III

M.B.A., University of Phoenix

B.S., Business/Management, University of Phoenix

Rosana Wilson

B.A., *in progress*, Business Management, University of Phoenix

GENERAL EDUCATION FACULTY

Pamela Gonzalez

B.A., Pre-Credential OPT, Cal Poly Pomona

Bryan Hurlburt

B.A., Liberal Studies, Chapman University

Carlina Payne

B.A., Communications, California State University, San Bernardino

Lina Thomas

B.A., Psychology, California State University, Fullerton

Adjunct

Melissa Cotter

B.A., Business Administration, California State University Fullerton

Felix Jones

M.S., Special Education, National University

Kathryn Lindsay

B.S., Psychology, Brigham Young University

Claudia Normine

M.A., Education and Organizational Leadership, University of La Verne

B.A., Liberal Studies, California State University, San Bernardino

A.A., General Education, Chaffey Community College

Jo Russell-Reyes

B.S., Biology, California State Polytechnic University, Pomona

Kathryn Sallis

B.A., Sociology, California State University, Fullerton

HEALTH STUDIES FACULTY

Angela Barnett

B.S., Dental Hygiene, University of Southern California

Irma Jo Bejarano

M.H.A., University of La Verne

B.S., Dental Hygiene, Texas Woman's University

Grey Benton

M.A., Biological Science, San Jose State University

B.A., Biological Science, San Jose State University

Annette Billups

B.S., Dental Hygiene, USC School of Dentistry

A.A., General Studies, Palomar Community College

Sharon Cobb

A.S., Medical Assisting, San Joaquin Valley College

Jesse Diaz

A.A., Liberal Arts, Crafton Hills College

Lea Endress

A.S., Respiratory Therapy, Rio Hondo College

A.S., Biology Science, Rio Hondo College

Ricardo Guzman

Program Director, Respiratory Therapy

M.A., Management, University of Redlands

B.A., History, California State University San Bernardino

A.A., Liberal Arts, Mt. San Antonio Junior College

Matthey Kramer

Certificate, Pharmacy Technician, Chaffey College

A.A., General Education, Chaffey College

Catherine Lahren

B.S., Dental Hygiene, Northern Arizona University

A.S., Dental Hygiene, San Joaquin Valley College

Pamela Lange

B.S., Dental Hygiene, Idaho State University

Hank Lockridge

A.S., Respiratory Therapy, San Bernardino Valley College

Joe Malave

A.S., Respiratory Therapy, Rio Hondo College

A.A., General Education, Rio Hondo College

Russell McCord

B.S., Speech, University of Wisconsin, Whitewater

A.A. S, Respiratory Therapy, NOVA

Leslie Nazaroff

Program Director, Dental Hygiene

Ph.D., Preventive Care, Loma Linda University

M.A., Health Promotion and Education, Loma Linda University

B.S., Dental Hygiene, Loma Linda University

Mariel Pesqueira

A.A., *in progress*, General Education/Science, Riverside Community College

Sabrina Santucho

B.S., Dental Hygiene, University of Southern California
Master of Health Administration, University of La Verne

Yvette Savala

A.S., Clinical Medical Assisting, San Joaquin Valley College

Thomas Serrano

Director of Clinical Education, Respiratory Therapy
B.S., Respiratory Therapy, Loma Linda University
A.A., Liberal Arts, Mt. San Antonio College
A.S., Respiratory Therapy, Mt. San Antonio College
M.A., Education, Jones International University

Bernadette Smith

B.S., Biology, California State University, Long Beach
A.S., Dental Hygiene, San Joaquin Valley College

Adjunct**Jose Bravo**

B.S., Biology, California State University, Los Angeles
M.B.A., University of Phoenix

Linda Burgess

A.S., Vocational Education, Riverside Community College

Holli Burgos

B.S., Human Services, University of LaVerne

Andrea Busby

Degree requirement waived

Christina Farol

A.S., Respiratory Therapy, Mt. San Antonio College

Gregg Filippelli

Supervising Dentist, Dental Hygiene
D.D.S., University of Southern California

Lacy Malouf

A.A.S., Business, Columbia Southern University

Anthony Marquez

Degree requirement waived

Tin Nguyen

B.S., Business, University of Redlands
Certificate, Respiratory Therapy, North Central State College

Melinda Salcido

A.S., Dental Hygiene, San Joaquin Valley College

Cristina Wang

A.A., Respiratory Therapy, El Camino College

TECHNOLOGY STUDIES FACULTY

Cornelius Droog

A.S., *in progress*, HVAC, Mt. San Antonio Community College

Adjunct**Randy Arnold**

A.S., Heating, Ventilation, Air Conditioning, San Joaquin Valley College

Gregory Evans

M.S., Information Systems, University of Phoenix
M.A., Organizational Leadership, Chapman University
B.A., Social Science, Chapman University

James Groff II

A.S., *in progress*, Mathematic Electrical Engineering, Chapman University

Leslie Malone Jr.

A.S., Criminal Justice, San Joaquin Valley College

RANCHO CORDOVA CAMPUS ADMINISTRATION

Jeff Rutherford

Campus Director/ Program Director, Respiratory Therapy
M.A., Education, Brandman University
B.S., Health Care Services, University of Phoenix
A.S., Respiratory Therapy, California College for Health Sciences

Amy Bianco

Dean of Student Services
M.S., Administration of Justice, University of Phoenix

GENERAL EDUCATION FACULTY

Adjunct**Arthur Braden**

B.S., Vocational Education, California State University, Sacramento

HEALTH STUDIES FACULTY

Julia Foss

A.A.S., Respiratory Therapy, Lakeland Community College

James Maddox

A.S., Respiratory Therapy, San Joaquin Valley College

Robby Nijjar

Director of Clinical Education,
Respiratory Therapy
M.B.A., University of Phoenix
B.S., Business Management, University of Phoenix
A.S., Respiratory Care, Butte College

Jodilee Prophet

M.B.A., Golden Gate University
A.S., Respiratory Therapy, San Joaquin Valley College

Adjunct**Matthew Angelo**

B.A., History, California State University, Sacramento
A.S., Respiratory Therapy, San Joaquin Valley College

Randy Camasura

B.S., Respiratory Care, Boise State University

Mark Eyre

A.S., Respiratory Care, Butte College

Mimi Fermer

A.S., Respiratory Therapy, California College of Health Sciences

May Her

B.S., Respiratory Care, Boise State University

Thomas Miller

A.S., Respiratory Therapy, Community College of Allegheny County

Brandi Mitchell

A.S. Respiratory Therapy, San Joaquin Valley College

Elisabeth Rea

B.S., Healthcare Administration, California State University,
Sacramento
A.S., Respiratory Therapy, American River College

**SAN DIEGO CAMPUS
ADMINISTRATION****Jean Honny**

Campus Director / Program Director, Dental Hygiene
M.S., Dental Hygiene, University of Missouri, Kansas City
B.S., Dental Hygiene, Loma Linda University

HEALTH STUDIES FACULTY**Mak Nai Dohr**

B.S., Dental Hygiene, Loma Linda University

Howard Eagle

Supervising Dentist, Dental Hygiene
D.D.S., Marquette University

Alyssa Golden

B.S., Dental Hygiene, Loma Linda University

Laurie Petralia

B.S., Dental Hygiene, Idaho State University

Darla White

B.S., Dental Hygiene, Loma Linda University

Adjunct**Darcie Bell**

B.S., Dental Hygiene, Loma Linda University

Roberta Clark

B.S., Dental Hygiene, Loma Linda University

Cheryl Underwood

B.S., Dental Hygiene, University of Southern California

**TEMECULA CAMPUS
ADMINISTRATION****Robyn Whiles**

Campus Director
B.A., Business Administration, American Intercontinental University

John Hall

Dean of Student Services
M.A., Education, University of California, San Diego
B.A., History, California State University, San Marcos

Shannon Koh

Academic Dean
B.A., Liberal Studies, California State University, San Bernardino

BUSINESS STUDIES FACULTY**Jessica Knight**

B.A., Economics, California State University, San Marcos
A.A., Liberal Studies, Mr. San Jacinto College

Tammy Livingston

B.A., Sociology, San Diego State University

Rafael Oropeza

A.A., Liberal Arts, San Bernardino Valley College

Adjunct**Stephen Dodson**

Masters in Divinity, Fuller Theological Seminary
B.S., Business Administration, California State University Northridge

Melinda Herzberg

A.A., Respiratory Therapy, California Paramedical & Tech College

Amanda Temple

B.A., Interdisciplinary Studies, University of California Riverside

GENERAL EDUCATION FACULTY

Adjunct

Robert Brockett

B.S., Biological Sciences, California State University, San Marcos

Tamara Earnhardt

B.S., Business Administration, California State University San Marcos

HEALTH STUDIES FACULTY

Heather Anderson

B.A., Sociology, California State University, San Bernardino

Tanner Bliss

Program Director, Respiratory Therapy

B.S., Healthcare Management, Bellevue University

A.S., Respiratory Therapy, San Joaquin Valley College

Hillary Burton

A.S., Respiratory Therapy, Victor Valley College

B.S., Respiratory Care, Boise State University

Shannon Cocilova

M.B.A., University of Phoenix

B.A., Psychology, University of California, Riverside

A.S., Respiratory Therapy, San Joaquin Valley College

Laura Eversull

A.S., Natural Sciences, Riverside Community College

Bachelors of Vocational Education, California State University San Bernardino

Richard Moriarity

B.S., Health Sciences, Trident University

Ann Nawn

A.S., Respiratory Therapy, San Joaquin Valley College

Cindy Ovard

Program Director, Dental Assisting

B.S., Vocational Education, San Diego State University

Sandra Schiffner

A.A. *in progress*, Psychology, Ashworth College

Michael Schultz

Director of Clinical Education, Respiratory Therapy

B.S., Business and Management, University of Redlands

Adjunct

Krista Cavanaugh

M.B.A., University of Phoenix

B.S., Criminal Justice Administration, University of Phoenix

Kevin Cournoyer

A.S., Medical Assistant, San Joaquin Valley College

Michelle Fawcett

B.S., Life Sciences, Kansas State University

BSN, Baker University School of Nursing

Jeri Fernquist**Melissa Godinez**

B.A., Career & Technical Studies, California State University San Bernardino

A.A., Liberal Arts, San Bernardino Valley College

Melinty Kilah

A.S., Respiratory Therapy, Concord Career College

Priscilla Nielsen**Matthew Reese**

A.S., Respiratory Therapy, California Paramedical and Technical College

Gabriel Rodriguez

A.S., Respiratory Therapy, San Joaquin Valley College

MaryAnne Schetter

M.A., Management, National University

B.S., Nursing, University of Wisconsin

Donna Woods

B.S., Nursing Brigham Young University

TECHNICAL STUDIES FACULTY

Adjunct

Matthew Denney

A.O.S., Air Conditioning/Refrigeration Technology, Universal Technical Institute

Anthony Melgares

A.A., *in progress*, Business, Ashworth College

Jacob Riddle**Ruben Rodriguez**

M.A., Management, University of Redlands

Alfredo Tamonte

VISALIA CAMPUS ADMINISTRATION

Donn Ritter

Campus Director

M.A., Organizational Behavior, California School of Professional Psychology

B.A., Management and Organizational Development, Fresno Pacific College

Tami Olson

Academic Dean

M.A., Pupil/Personnel Counseling, Fresno Pacific University

B.A., Liberal Arts, Fresno Pacific University

Kerrie Liles

Dean of Student Services

B.A., Social Services, Chapman University

A.A., Liberal Arts, Taft College

BUSINESS STUDIES FACULTY

Sharon Brown

Program Director, Criminal Justice

A.S., Law Enforcement, College of Sequoias

Gabriel Giannandrea

B.S., Business Finance, Chapman University

MBA, University of Phoenix

David Morra

Adjunct

Elizabeth Eddy

A.S., Business Administration, San Joaquin Valley College

Laura Lathrop

M.S., Criminology, California State University, Fresno

B.S., Criminology, California State University, Fresno

Nina Lund

A.S., Health Care Administration, San Joaquin Valley College

Ricardo Martinez

M.S., Administration of Justice and Security, University of Phoenix

B.S., Business Management, University of Phoenix

GENERAL EDUCATION FACULTY

Larry Crane

M.A., Psychology, California State University, San Jose

B.A., Theology, Loma Linda University

William Gradis

B.S., Biology, East Carolina University

M.S., Plant Pathology, North Carolina State University

Kellee Irwin

B.S., Business Management, University of Phoenix

A.S., Business Administration, San Joaquin Valley College

Stacey Kelly

B.A., Psychology, California State University Fresno

Rudy Martinez

B.A., Human Development, California State University, Hayward

Amanda Ruiz

B.A., English Communication, Fresno Pacific University

Lisa Elliott Vandegrift

B.A., Business Management, Fresno Pacific University

Adjunct

Anna Gomez

M.A., Education, Fresno Pacific University

B.A., Spanish, California State University, Fresno

Janie Hunt

B.A., English, University of California, Davis

Melissa Melban

A.A., Criminal Justice, University of Phoenix

Iryna Oliver

M.A., Clinical Forensic Psychology, Alliant International University

B.S., Criminology, California State University, Fresno

Roger Powers

B.A., Chemistry, Fresno Pacific University

HEALTH STUDIES FACULTY

Elizabeth Amstutz

A.A., American Sign Language, College of the Sequoias

A.A., Liberal Arts, College of the Sequoias

Elizabeth Andrade

A.S., Pharmacy Technology, San Joaquin Valley College

Cecilia Avalos

A.S., Clinical and Administrative Medical Assisting, San Joaquin Valley College

Christeen Barabad

A.S., Registered Nursing, San Joaquin Valley College

Delmy Bedolla

B.A., Liberal Studies, University of California Riverside
A.S., General Studies, Reedley College
A.S., Respiratory Care, Fresno City College

Sierra Brady

B.S.N., California State University, Fresno
A.S., Life Sciences, College of San Mateo
M.S.N., California State University, Fresno

Arden "Michelle" Brasko

M.S.N., California State University, Fresno
B.S., Nutritional Science, University of California, Davis
B.S., Nursing, California State University Fresno

Jessica Collins

Certificate, Dental Assisting, San Joaquin Valley College

Sujana DeAlmeida

A.S., Medical Assisting, San Joaquin Valley College

Kathryn DeFede

M.S.N., California State University, Dominguez Hills
B.S., Nursing, California State University, Bakersfield

Christine Foster

Director of Clinical Education, Respiratory Therapy
M.S.Ed., National University
B.S., Respiratory Therapy, Loma Linda University
A.A., Respiratory Care, Mt. Hood Community College

Jessica Garner

Masters in Medical Science, St. Francis College
B.A., Liberal Studies, California State University, Fresno
A.S., Physician Assistant, San Joaquin Valley College

Mari Gordon

A.S., Nursing, College of the Sequoias

Jed Grant

B.S., Physician Assistant, University of Nebraska

Melissa Grimsley

A.S., Respiratory Therapy, San Joaquin Valley College

Paul Gutierrez

M.A., Organizational Management, University of Phoenix
B.S., Business Administration, University of Redlands
A.S., Inhalation Therapy, Fresno City College

Lana Hover

A.S., Health Studies, San Joaquin Valley College

Lori Jeffcoach

A.A., Liberal Arts, College of the Sequoias

Lygia Jolley

B.A., Management and Organizational Development,
Fresno Pacific University
A.S., Dental Hygiene, Fresno City College

Karen Koch

B.A., Management and Organizational Development, Fresno Pacific
University
A.S., Dental Hygiene, Fresno City College

Rajvir Ladhar

B.S., Nursing, California State University, Fresno
A.S., Nursing, Fresno City College

Patricia LeFaive

B.S., Dental Hygiene, Midwestern State University
A.S., Dental Hygiene, Midwestern State University

Barbara Lund

M.S.N., California State University, Dominguez Hills
B.A., Nursing, University of Jamestown

Lorie Ragsdale

Pharm.D., University of Pacific

Carlota Reid

A.S., Clinical and Administrative Medical Assisting, San Joaquin
Valley College

Linda Roullard

B.A., Psychology, California State University, Fresno
A.A., Liberal Arts, College of the Sequoias

Mariko Sato

B.S.N., California State University, Fresno
A.S., Nursing, Fresno City College

Claudia Saucedo

Program Director, Dental Assisting
B.A., Social Science, Chapman University
A.A., Liberal Arts, College of the Sequoias

Denise Scrimshire

A.S., Registered Nursing, College of the Sequoias

Brenda Serpa

Program Director, Dental Hygiene
M.A., Education, California State University, Fresno
B.S., Health Science, California State University, Fresno
A.S., Dental Hygiene, Fresno City College

Andrey Sidorenko

A.S., Physician Assistant, San Joaquin Valley College

Janine Spencer

Program Director, Registered Nursing
PhD, University of Southern California
M.S.N., California State University, Fresno
B.S.N., California State University, Fresno

Barbara Watrous

Supervising Dentist, Dental Hygiene
D.M.D., Oral Roberts University
B.S., Biology, Oral Roberts University

Joshua Westling

M.S., Education, California State University, Hayward
B.S., Individual Studies, Charter Oak State College
A.S., Respiratory Care, San Joaquin Valley College

Ann Zelaski

Program Director, Vocational Nursing
B.S.N., California State University, Dominguez Hills

Adjunct**Terry Bady****Robert Cardenas****Chrystal Cates**

A.S., Clinical and Administrative Medical Assisting, San Joaquin Valley College

Mark Florentino

B.S.N., California State University, Fresno
A.S., Nursing, West Hills Community College

Cynthia Flores**Julie Hill**

A.A., *in progress*, General Education, Brandman University

Margarette Huddleston

B.S.N., California State University, Dominguez Hills
M.S.N. California State University, Dominguez Hills

Diane Hutchings

A.A., Liberal Arts, College of the Sequoias
A.S., Health Sciences, Fresno City College

Sandra Isaak

M.S.N., California State University, Fresno
B.S.N, California State University Fresno
A.A., Accounting, Reedley Junio College

Betty Jones

M.S.N., California State University, Dominguez Hills
M.A., Education, California State University, Bakersfield
B.S., Nursing, California State University, Los Angeles

Adam Marks

M.A., Public Administration, California State University, Fresno
B.S., Biology, San Diego State University
A.S., Physician Assistant, San Joaquin Valley College

Sandra Montes-Cortez

BSN, California State University Fresno
MSN, California State University Fresno

Julie Oleson

A.S., Respiratory Therapy, San Joaquin Valley College
A.S., Nursing, Fresno City College

Maureen Rico

MSN, California State University Fresno

Kathleen Self

A.A., Business, College of the Sequoias

Jennifer Tafoya

M.S.N., California State University, Fresno
B.S.N., California State University, Fresno
B.A., Psychology, Fresno Pacific University
A.S., Business Management, Fresno City College

Linda Wise

A.S., Dental Hygiene, Fresno City College

Jennifer Wright

A.S., Physician Assistant, San Joaquin Valley College
M.S., Medical Science, St. Francis University

Arcenia Zuniga

A.S., Dental Hygiene, Fresno City College

TECHNOLOGY STUDIES FACULTY**Michael Johnson**

A.S., Computer Support Technology, San Joaquin Valley College

Otis O'Neal

A.A., *in progress*, General Education, College of the Sequoias

Travis Stiglianese

A.S., Computer Support Technology, San Joaquin Valley College

Adjunct**Joshua DeBrie**

A.S., Heating, Ventilation, and Air Conditioning, San Joaquin Valley College
A.S., Technical Studies, San Joaquin Valley College

Cristobal Peregrina

A.S., Heating, Ventilation, Air Conditioning, San Joaquin Valley College

Xay Xiong

B.S., Computer Science, University of California Santa Barbara
MBA, California State University Fresno

Appendix A: Emergency, Medical and Crisis Resources

Campus	Hospital	Police Dept	Rape Crisis Center
Aviation	Clovis Community Center 2755 Herndon Ave. Clovis, CA 93611 (559) 324-4000	Fresno City Police 2323 Mariposa Street Fresno, CA (559) 621-7000	Resource Center for Survivors of Sexual Assault (RCS) Fresno, CA 93701 Business: (559) 497-2900 Hotline: (559) 222-7273
Bakersfield	Mercy Hospital 2215 Truxtun Ave. Bakersfield, CA 93301 (661) 632-5000	Bakersfield Police 1601 Truxtun Avenue Bakersfield, CA 93301 (661) 327-7111	Alliance Against Family Violence & Sexual Assault Bakersfield, CA 93303 Business: (661) 322-0931 Hotline: (661) 327-1091
Hanford	Adventist Medical Center 115 Mall Drive Hanford, CA 93230 (559) 582-9000	Hanford Police 425 N. Irwin Hanford, CA 93230 (559) 585-2535	Family Services of Tulare County Visalia, CA 93291 Business: (559) 732-7371 Hotline: (559) 732-7371
Hesperia	Desert Valley Center 12276 Hesperia Rd. #1 Victorville, CA 92395 (760) 241-8000	Hesperia Police 9700 Seventh Avenue Hesperia, CA 92345 (760) 947-1000	Rape Crisis Center Victorville, CA 92392 Business: (760) 952-0041 Hotline: (800) 656-4673
Fresno	St. Agnes 1303 E. Herndon Ave. Fresno, CA 93720 (559) 450-3000	Fresno City Police 2323 Mariposa Street Fresno, CA (559) 621-7000	Resource Center for Survivors of Sexual Assault (RCS) Fresno, CA 93701 Business: (559) 497-2900 Hotline: (559) 222-7273
Lancaster	Antelope Valley Hospital 1600 W. Avenue J Lancaster, CA 93534 (661) 949-5000	Lancaster Police 501 W. Lancaster Blvd. Lancaster, CA 93534 (661) 948-8466	Sexual Assault Response Lancaster, CA 93534 Business: (661) 723-7273 Hotline: (661) 723-7273
Madera	Madera Community Hospital 1250 E. Almond Avenue Madera, CA 93637 (559) 675-5555	City of Madera Police 330 South C Street Madera, CA 93638 (559) 675-4200	Madera County Community Action Agency Madera, CA 93637 Business: (559) 661-1000 Hotline: (800) 355-8989
Modesto	Kaiser Permanente 4125 Bangs Avenue Modesto, CA 95356 (209) 557-1000	Stanislaus Sheriff 250 E. Hackett Modesto, CA 95358 (209) 525-7216	Haven Women's Center of Stanislaus Modesto, CA 95354 Business: (209) 524-4331 Hotline: (888) 454-2836
Rancho Cordova	Mercy San Juan Medical 6501 Coyle Avenue Carmichael, CA 95608 (916) 537-5000	Rancho Cordova Police 2897 Kilgore Road Rancho Cordova, CA 95670 (916) 875-9600	PEACE for Families Roseville, CA 95747 Business: (916) 773-7273 Hotline: (800) 575-5352
Ontario	Rancho San Antonio 7777 Milliken Avenue Ontario, CA 91730 (909) 948-8000	Ontario PD 10510 Civic Center Drive Ontario, CA 91730 (909) 447-2800	Project Sisters Family Services Claremont, CA 91711 Business: (909) 623-1619 Hotline: (626) 966-4155
San Diego	Scripps Mercy Hospital 435 H Street Chula Vista, CA 91910 (619) 691-7000	Chula Vista Police Department 315 4 th Street Chula Vista, CA 91910 (619) 691-5151	Center for Community Solutions San Diego, CA 92109 Business: (888) 385-4657 Hotline: (888) 385-4657
Temecula	Inland Valley Medical Center 36485 Inland Valley Drive Wildomar, CA 92895 (951) 677-1111	Temecula Police 30755-A Auld Road Murrieta, CA 92563 (951) 696-4357	Center Against Sexual Assault Hemet, CA 92543 Business: (951) 652-8300 Hotline: (866) 373-8300
Visalia/Online	Kaweah Delta District Hospital 400 W. Mineral King Avenue Visalia, CA (559) 624-2000	Visalia Police Department 303 S. Johnson Street Visalia, CA 93291 (559) 734-8116	Family Services of Tulare County Visalia, CA 93291 Business: (559) 741-7310 Hotline: (559) 732-7371

***When reporting an Emergency dial 911**