

General Catalog



October 15, 2024–October 15, 2025

Notice to Students

This catalog is the official publication of the programs, policies, and requirements of Contra Costa Medical Career College, Inc. Students enrolling in Contra Costa Medical Career College are subject to these provisions and should read this catalog carefully. Students are responsible for knowing the rules, regulations, and policies of Contra Costa Medical Career College. Prior to enrollment students will be given a copy of this catalog either in writing or electronically. Enrollment at Contra Costa Medical Career College constitutes an agreement to abide by its rules and regulations and failure to read this catalog does not excuse students from such rules and regulations.

Publication Date of Catalog October 15th, 2024

Licensure and Accreditation

National Institutional Accreditation was granted on 4/15/2013 from the Accrediting Council for Continuing Education and Training (ACCET). ACCET is recognized by the Department of Education. The California Department of Health Services Field and Laboratory Division, The California State Board of Pharmacy, and the California Board of Licensed Vocation Nursing and Psychiatric Technicians have granted programmatic approvals.

CCMCC is a private institution that received FULL approval to operate from the California State Bureau for Private Postsecondary Education on July 5th, 2011. The approval to operate means Contra Costa Medical Career College is in compliance with California State standards as set forth in the California Education Code (CEC) and 5, CCR. CCMCC is granted approval to operate under the terms of California Education Code (CEC) until April 30, 2026.

**The Bureau may be reached at: 1747 North Market Blvd., Suite 225,
Sacramento, Ca. 95798-0818 Toll free: 1-888-370-7589 Phone: (916) 574-8900 Fax: 916-263-1897**

Programs and Courses Offered

Programs Offered

Medical Administrative Assistant/Billing and Coding Specialist
Associate of Applied Science in Surgical Technology
Medical Assisting with Phlebotomy
Phlebotomy Online (E-learning)
Diagnostic Medical Sonography
Sterile Processing Technician
Clinical Medical Assistant
Phlebotomy Technician 1
EKG/ECG Technician
Medical Terminology
Pharmacy Technician
Medical Assisting
Vocational Nurse
Dental Assisting

Contra Costa Medical Career College, Inc

4041 Lone Tree Way, Suite 101 Antioch, Ca. 94531

Phone (925)757-2900 Fax (925)757-5873

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All information in the content of this catalog is current and correct and is certified as true by Stacey Orozco RN,
President/CEO

Business Office and Admissions Hours of Operation:

Monday-Thursday: 8:30 am- 10:00 pm
Friday: 8:30 am- 5:00 pm
Saturday: Closed
Sunday: Closed

Holidays:

CCMCC is closed on the following holidays:

- New Year’s Eve, New Year’s Day
- Martin Luther King Jr. Day
- President’s Day
- Memorial Day
- Juneteenth Day
- Independence Day
- Labor Day
- Veteran’s Day
- Thanksgiving Day, Day after Thanksgiving
- Christmas Eve, Christmas Day

*Other scheduled class breaks or holidays will be announced

Registration is continuous.

Administrative Personnel

Stacey Orozco RN-President/CEO (50% shareholder)	stacey@ccmcc.edu
Bo Orozco -Director of Facilities and Growth Management/Vice President (50% shareholder)	bo@ccmcc.edu
Jessica Fejerang, BS , - Director of Education	jessica@ccmcc.edu
Jennifer Pereira - Administrative Director	jennifer@ccmcc.edu
Navik Prakash - IT/Social Networking and Marketing Manager	navik@ccmcc.edu
Maureen DeGrano MA - Administrative Assistant	mo@ccmcc.edu
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Alfonso Reyes – Administrative Assistant	alfonso@ccmcc.edu
Jose Estrada - Business Office Manager	jose@ccmcc.edu
Sue Williams - Registrar	sue@ccmcc.edu
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Holly Reed - Admissions Advisor	holly@ccmcc.edu
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Dawn Afflerbach - Career Services Coordinator	dawn@ccmcc.edu
Aomalu Linda Letuligasenoa - VN Clinical Coordinator	linda@ccmcc.edu

Faculty

The didactic and clinical education is taught by a team of highly experienced faculty consisting of dedicated instructors, certified phlebotomists, and nurses from various specialty areas. They are chosen for their commitment to teaching and clinical expertise. The faculty and staff are committed to providing the best possible educational environment and instruction to assure competency in all areas of the established curriculum. Contra Costa Medical Career College is a private, postsecondary school. It is a California S-Corporation. The college is in compliance with all local, state, and federal laws and regulations.

Steve Condon, CPT1- Phlebotomy Course Lead Instructor- 19+ years of experience in healthcare

Richard Murray, CPT1, Paramedic- Phlebotomy Technician Course Instructor - 30+ years of experience in healthcare

Bob Bravo, LVN- Phlebotomy Technician Course Instructor /EKG Course Instructor/BLS Course Instructor- 30+ years of experience in healthcare

Julietta Rascon Hall, CPT1 - Phlebotomy Technician Course Instructor - 4+ years of experience in healthcare

Diana Palma, CPT1 - Phlebotomy Technician Course Instructor - 4+ years of experience in healthcare

Anna Vasquez, CPhT- Pharmacy Technician Program Director- 25+ years of experience in pharmacy

Shane Hoekwater, CPhT- Pharmacy Technician Program Instructor- 10+ years of experience in pharmacy

Donna Nardi, BS, MS- AAS-IDL Program Director- 20 + years of experience in healthcare and education

Maria Duran Ruiz, CST- AAS Surgical Technology Program Director- 20+ years of experience in the OR

Maggie Ramies, CST- AAS Surgical Technology Program Instructor -10 years of experience in the OR

Megan Solak, CST- AAS Surgical Technology Program Instructor- 8+ years of experience in the OR

Laura Galvan, CST- AAS Surgical Technology Program Instructor- 4+ years of experience in the OR

Noy Neak, ORT, CRCST- Sterile Processing Technician Program Director- 13+ years of experience in the OR and SPD

Von Neak, CRCST- Sterile Processing Technician Program Assistant Director- 10+ years of experience in SPD

Kristyne Timbal, CRCST- Sterile Processing Technician Program Instructor- 8+ years of experience in SPD

Bianca Ray, CRCST- Sterile Processing Technician Program Instructor- 5+ years of experience in SPD

Maryna Knize, BS, ARDMS- Diagnostic Medical Sonography Program Director- 13+ years of experience in Diagnostic Medical Sonography

Amy Sandhu, BS, ARDMS-Diagnostic Medical Sonography Program Instructor- 20 + years of experience in healthcare

Alexander Paciocco, BS, RVT-Diagnostic Medical Sonography Program Instructor- 3+ years of experience in healthcare

Nina Silva, RN - Vocational Nurse Program Director- 8+ years of experience in healthcare

Natalie Starkey, LVN - Vocational Nurse Program Instructor - 11+ years of experience in healthcare

Juliet Ogunade, RN - Vocational Nurse Program Instructor - 20+ years of experience in healthcare

Brandi Leer, BSN, RN - Vocational Nurse Program Instructor - 10+ years of experience in healthcare

Pamela Miller, LVN - Vocational Nurse Program Instructor - 20+ years of experience in healthcare

Anthony Rhodes Nalls, AA, AS, LVN- Vocational Nurse Program Instructor - 8+ years of experience in healthcare

Christin Mathew BSN, RN - Vocational Nurse Program Instructor - 7+ years of experience in healthcare

Debbie Silva, AS, RDA- Dental Assisting Program Director- 40+ years of experience in healthcare

Farzana Wali, RDA- Dental Assisting Program Instructor- 33+ years of experience in healthcare

Michele Capelli, RDA- Dental Assisting Program Instructor- 15+ years of experience in healthcare

Krystal Aguilar, CMA-Medical Assisting Program Director - 10+ years of experience in healthcare

Deloris McCabe, MA - MAA/Billing and Coding Instructor- 17+ years of experience in healthcare and healthcare reimbursement

Jahida Sarwary, CBCS - MAA/Billing and Coding Instructor- 6+ years of experience in healthcare

Natalie Orozco, CMA-Clinical Medical Assisting Program Instructor - 10+ years of experience in healthcare

Melissa Rodriguez, CMA - Clinical Medical Assisting Program Instructor - 5+ years of experience in healthcare

Elana Navarro-Diaz, CMA-Clinical Medical Assisting Program Instructor - 4+ years of experience in healthcare

College Vision, Values, Goals and Mission

College Vision

- To educate, motivate, and inspire students to reach their full potential.

College Values

- Accountability
- Diversity
- Innovation
- Integrity
- People
- Quality

Mission of Contra Costa Medical Career College:

Contra Costa Medical Career College will supply our students with the most current and comprehensive tools and technical training needed to function in a variety of medical settings. We will assist our students in their development of good judgment, clinical and interpersonal skills, and scientific knowledge which will enable them to function competently as a member of any health care team. We believe that education is the lifelong, ongoing development of the person's character. We believe in producing an educated, responsible member of society equipped with the skills and principles needed to be an exceptional, efficient, and safe healthcare provider.

To accomplish its mission, Contra Costa Medical Career College has established the following Institutional Goals:

- Plan and provide facilities and resources that respond to the needs of students, faculty, and staff;
- Provide programs that are continually assessed by faculty, staff, and members of the business and education communities;
- Provide the community with individuals who can meet the ever-changing needs of business, government, and industry now and in the future;
- Provide comprehensive instruction that strengthens student academic achievement;
- Instill in its students the value of lifelong learning by stimulating intellectual curiosity, creative and critical thinking, and awareness of diversity;
- Assist students in developing professional attitudes, values, skills, and strategies that will enhance their potential for success in their careers and in life.

About Contra Costa Medical Career College

Contra Costa Medical Career College, Inc. (CCMCC) was incorporated in the state of California in 2008 and began offering classes at its Antioch campus in November 2007. Contra Costa Medical Career College, Inc. is a California S-corp. The governance and control of the institution are that of the President/CEO- Stacey Orozco RN and Vice President- Bulmaro Orozco.

Contra Costa Medical Career College is a small, Private Vocational Training School. The school was formed in response to the growing need for qualified, entry-level healthcare professionals in this community. CCMCC offers low tuition, flexible schedules, and instructors who are experts in their fields of study. Our class sizes are kept small so that we can concentrate on quality instruction. We work hand in hand with employers in the community to ensure the most up-to-date curriculum possible. All our programs are career-focused, so our graduates are

prepared to make a positive impact from the start of their new career in the healthcare industry. CCMCC has never had a pending petition in bankruptcy, is not operating as a debtor in possession, has not filed a petition within the preceding five years, 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 (11 U.S.C. Sec. 1101 et seq.).

General Description

Contra Costa Medical Career College is a Private Vocational Training School, believing in producing an educated, responsible member of society equipped with the skills and principles needed to be an exceptional, efficient, and safe health care provider. Our campus is approx. 28,000 square feet of classroom/laboratory and office space located at 4041 Lone Tree Way Suite 101 in Antioch, CA. 94531. All classes are held at this location.

General Admission and Entrance Policies

Admission Requirements

Contra Costa Medical Career College programs are open to all students interested in the medical field. For any individual interested in attending our programs, we ask that they be willing and prepared to dedicate the time, energy, and effort to the courses offered. Programs to participants regardless of race, creed, color, religion, national origin, sex, age; veteran status, marital status, and sexual orientation if the student can meet the academic and technical standards to safely participate in, and benefit from the program. The College complies with Section 504 of the Federal Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 with respect to both students and employees with disabilities.

General Admissions and Entrance Policy for IDL

CCMCC is authorized to deliver distance education in California. Therefore, participants must provide a California address as their physical location on the enrollment agreement. Participants are required to notify the institution registrar of any changes to their physical location. Due to the nature of a Hybrid program, students who choose to relocate to a state in which the institution does not have the approval to operate may adversely impact the student's ability to complete the program.

Registration Procedures for all programs excluding Associate of Applied Science in Surgical Technology Vocational Nurse, and Diagnostic Medical Sonography programs.

As a prospective student, you are encouraged to review this catalog before 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. There are four ways to complete registration at Contra Costa Medical Career College:

1. Walk-in Registration. Students may register at the school Monday through Thursday 9:00 AM - 8:00 PM, Fridays 9:00 AM - 4:30 PM (except holidays), to register in person. Registration fees may be paid by credit card (Visa, Mastercard, American Express), check, or money order. **CCMCC DOES NOT ACCEPT CASH PAYMENTS.**
2. Online registration is also available 24 hours a day, seven days a week. Payment arrangements are available. Payment arrangements are approved case-by-case and must be made with the Business Office Manager before the first day of class.

Contra Costa Medical Career College is approved to accept Title IV funding (Financial Aid) from the Department of Education for the Sterile Processing Technician, Medical Assisting with Phlebotomy, Diagnostic Medical Sonography, Dental Assisting, Associate of Applied Science in Surgical Technology, and Vocational Nurse Programs ONLY at this time. CCMCC also accepts VA benefits from Title 38, Chapter

31, which is the Vocational Rehabilitation program and MyCAA benefits. “GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government Web site at <https://www.benefits.va.gov/gibill>.”

Contra Costa Medical Career College is authorized for WIA (Workforce Investment Act) voucher training. You will find us on the ETPL (Eligible Training Provider List) list found at www.etpl.edd.ca.gov. Please contact your local Employment Development office for more information. [OBJ]

Steps in Admissions

1. Schedule an appointment with an Admissions Advisor for a counseling session.
2. Obtain and read the CCMCC catalog/performance fact sheet and choose a Program or Course.
3. Complete an enrollment agreement and pay the registration fee. (Registration fee is non-refundable/non-transferrable)
4. Finalize funding for the Program.
5. Purchase text and required equipment.
6. Complete the mandatory background check and drug screen (if applicable)
7. Attend Orientation on scheduled dates (if applicable).

In addition to these provisions, there are specific admissions requirements for each of the programs as follows:

General Admissions Requirements

1. Applicants must be 18 years or older. All applicants must present either a State issued Identification card /driver’s license or passport. You must have a social security number, therefore; you must be a US Citizen or eligible to work in the United States. Applicants must reside in the state of California during their enrollment period.

2. Proof of High School Graduate/GED or achieved a degree higher than a High School Diploma, and/or written certification by a cognizant authority for homeschooled students.

(Foreign transcripts for diplomas earned outside of the US must be evaluated for US equivalency)

3. No felony, and certain misdemeanors (drug, violence, and theft), convictions are not allowed. A pre-employment background check and drug screening (serum) will be required. This is required by the clinical training facility and for State licensure depending on the program.

If CCMCC has reason to believe a student's proof of graduation is not valid, a transcript request form is sent directly to the student’s High School or College to request the validity of graduation

4. Pass the entrance exam (Diagnostic Medical Sonography, Dental Assisting, Associate of Applied Science in Surgical Technology, Vocational Nurse, and Sterile Processing Technician programs ONLY). This is a Scholastic level exam (Wonderlic exam) used to ensure that the applicant will benefit from the curriculum taught in the Dental Assisting, Associate of Applied Science in Surgical Technology, Diagnostic Medical Sonography, and Sterile Processing Technician Programs. Vocational Nurse Program must pass the (HESI and Wonderlic exam). The minimum passing score on the Wonderlic test is 18 for Associate of Applied Science in Surgical Technology, 18 for Diagnostic Medical Sonography, 13 for Dental Assisting, 12 for Sterile Processing Technician, and 19 for the Vocational Nurse Program. The Wonderlic is a twelve-minute test given online on campus at CCMCC. This test must be passed prior to enrollment into the Dental Assisting, Associate of Applied Science in Surgical Technology, Diagnostic Medical Sonography, Vocational Nurse, and Sterile Processing Technician. The exam may be attempted a maximum of two times per enrollment cycle. The passing score is valid for one year. The minimum passing score for the HESI exam is 70% for the Vocational Nurse Program. The HESI is a 3.5-hour test given online on campus at CCMCC. This test must be passed prior to enrollment in the Vocational Nurse Program. No enrollment agreement may be signed prior to the applicant's demonstration of the aptitude to successfully complete the program to which they are applying (e.g., obtaining a passing score, or completing high school/GED equivalency).

5. Once the applicant passes the entrance exam(s) and an application is received, an **interview will be scheduled with the program director and program faculty. (Diagnostic Medical Sonography, Vocational Nurse, and Associate of Applied Science in Surgical Technology only)**

Additional Admissions Requirements International high school diplomas or other international degrees must be evaluated for US equivalency. The candidate will be notified by the evaluating company by telephone and/or by letter of the status of his/her application. At that time, the student is responsible for presenting the evaluated transcripts to the Admissions office. The student will be allowed to complete the enrollment process at that time. All entrance requirements and documentation should be completed and turned in by the class start date. It is the responsibility of the applicant to meet these requirements in a timely manner. All programs are taught in English. Due to that fact, it is important that the student can read, write, understand and speak the English language well. The level of language proficiency is the 12th-grade level, documented by a high school diploma or GED.

Re-admission Procedures

Students who are in good standing and have not satisfactorily completed a program may be readmitted to Contra Costa Medical Career College upon application. They are required to follow the policies of the catalog in effect at the time of re-enrollment, satisfy any outstanding balances prior to enrolling, and repay the enrollment fee in addition to the tuition for the program the student is repeating.

Enrollment

Associate of Applied Science in Surgical Technology, Dental Assisting, Vocational Nurse, Sterile Processing Technician, and Diagnostic Medical Sonography must attend Orientation before the first day of class.

Refused Attendance

Students may be refused from enrolling or attending classes for failure to:

- Comply with admission requirements
- Respond to official Contra Costa Medical Career College notices
- Settle financial obligations when due. Students are generally notified in advance if they are not allowed

entrance into the classroom. Contra Costa Medical Career College, except for assistance toward reinstatement, can drop the student from all current and future classes if appropriate. A Student that has been removed from classes will not have attendance or receive a grade.

Arbitration and Class Action Waiver Disclosure

The Contra Costa Medical Career College, Inc requires each student to agree to a pre-dispute arbitration agreement and a class action waiver as a condition of enrollment (“Arbitration Agreement”). The Arbitration Agreement does not, in any way, limit, relinquish, or waive a student’s ability to pursue filing a borrower defense claim, pursuant to 34 C.F.R. § 685.206(e) at any time. The Arbitration Agreement does not require that the student participates in arbitration, or any internal dispute resolution process offered by the College prior to filing a borrower defense to repayment application with the U.S. Department of Education pursuant to 34 C.F.R. § 685.206(e). Any arbitration, required by the Arbitration Agreement, tolls (pauses) the limitations period for filing a borrower defense to repayment application pursuant to 34 C.F.R. § 685.206(e)(6)(ii) for the length of time that the arbitration proceeding is underway. Any questions about the Arbitration Agreement or a dispute relating to a student’s Title IV Federal student loans or to the provision of educational services for which the loans were provided should be directed to:

Attn: Administrative Director

Contra Costa Medical Career College
(925) 757-2900
4041 Lone Tree Way, Suite 101
Antioch CA 94531

Office of Student Assistance and Relief

“The Office of Student Assistance and Relief is available to support prospective students, current students, or past students of private postsecondary educational institutions in making informed decisions, understanding their rights, and navigating available services and relief options.

The office may be reached by calling (888) 370- 7589, option #5, or by visiting osar.bppe.ca.gov.”

Granting Credits

Contra Costa Medical Career College awards credit in clock hours for the programs offered. One quarter credit hour is granted for the successful completion of one of the following: 10 clock hours of instruction in a lecture setting; 20 clock hours of instruction in a laboratory setting; 30 clock hours of instruction in an externship setting, or an appropriate combination of all three. One clock hour is equivalent to a minimum of 50 minutes.

Transfer Credit/Credit Evaluation

“NOTICE CONCERNING TRANSFERABILITY OF CREDITS AND CREDENTIALS EARNED AT OUR INSTITUTION

The transferability of credits you earn at CCMCC 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 educational program is also at the complete discretion of the institution to which you may seek to transfer. If the degree or certificate that you earn at this institution is not accepted at the institution to which you seek to transfer, you may be required to repeat some or all 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 CCMCC to determine if your degree or certificate will transfer.”

Contra Costa Medical Career College allows for the transfer of credits earned at another institution if that institution is Nationally or Regionally accredited by an agency recognized by either the U. S. Department of Education or the Council for Higher Education, and if the previous credits earned are comparable to those offered in the institution’s program in which the student seeks to enroll. All credits considered must have been earned within the five years and be of “C” average or above. Contra Costa Medical Career College will allow no more than 50% of any program to be credited by transferring credits from another institution. Course credits for advanced placement through outside examination may be considered but are generally not accepted. There is no fee for the evaluation or the granting of transfer of credit. If a student is required to maintain a minimum number of scheduled hours for financial aid, the student’s financial aid may be adjusted based on their schedule. The student should consult with Financial Aid to determine any effects of the Financial Aid. Students may also need to audit classes to maintain their status as an active student. Students will not be charged to audit classes, nor will those classes be counted in scheduled hours to calculate a tuition adjustment. A written request for credit transfer must be made to the Director of Education or Director of Admissions at least two weeks prior to the start of class, in order to allow Contra Costa Medical Career College adequate time for evaluation. Requests made with less than 2 weeks prior notice will not be evaluated. The request must include an official transcript from the student’s prior institution, and course descriptions in the form of syllabi or institutional catalogs which include clock and/or credit hours. A decision will be made within two weeks of receipt of the requisite documents, and the student will be advised by mail or email. If credit is denied, a student may appeal to the Director of Education

or Director of Admissions in writing within 14 days of denial, providing copies of all appropriate evidence/paperwork. The Director of Education or Director of Admission's decision will be final.

Any reduction in tuition resulting from the transfer of credits will be based on the per hour cost of training for the program times the number of clock hours of the institution's comparable program for which the student is being given credit. The student is allowed and encouraged to sit, free of charge, for purposes of review, any portions of the program for which s/he has been given credit if classroom space is available.

Courses outside of a traditional academic setting, such as those offered by the military, in the workplace, or through apprenticeship/training programs will be evaluated on a case-by-case basis. For the General Education Diploma Program. If an applicant has completed all CCMCC's required general education courses at another approved, accredited institution then the applicant will receive full credit for coursework already successfully completed at the approved, accredited institution.

Contra Costa Medical Career College makes no guarantee of transferability of credits to another institution but will assist the student wishing to "transfer out" by providing guidance, and providing official transcripts, syllabi, course outlines, or institutional catalogs as requested, at no charge to the student. At this time the Institution does not have any written articulation agreements with other proprietary, post-secondary or other institutions of higher learning.

Refused Attendance

Students may be refused from enrolling or attending classes for failure to:

- Comply with admission requirements
- Respond to official Contra Costa Medical Career College notices
- Settle financial obligations when due. Students are generally notified in advance if they are not going to

be allowed entrance into the classroom. Contra Costa Medical Career College, except for assistance toward reinstatement, can drop the student from all current and future classes if appropriate. A Student that has been removed from classes will not have attendance or receive a grade.

Payment, Cancellation, Withdrawal, and Refund Policies

Methods of Payment

Forms of payment accepted by Contra Costa Medical Career College are credit card, personal/business check, money order, cashier check, and ATM/Debit card. Cash is NOT accepted. Registration fees are non-refundable and are mandatory for applicable students. Contra Costa Medical Career College does not offer student tuition discounts of any sort. Registration and/or Application Fees vary per program.

Official Transcript Fee \$25.00

Fee for each transcript or duplicate certificate is \$25.00

Returned Check Charge \$25.00

Late Payment Fee \$50.00

Certificates of completion will not be issued until all financial obligations are fulfilled.

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Contra Costa Medical Career College is authorized for WIA (Workforce Investment Act) voucher training. You will find us on the ETPL (Eligible Training Provider List) list found at www.etpl.edd.ca.gov. Please contact your

local Employment Development office for more information.

Collection Process of Unpaid Tuition

If a student does not pay tuition or fees due to the school, CCMCC will make every attempt possible to arrange a plan with the student to collect. If the student fails to comply with the arrangements agreed upon, the unpaid balance will be reported, and an outside collection agency will be notified.

Current Schedule of Charges for 2025

All tuition costs and payment arrangements must be arranged prior to the first day of class. The current schedule of charges is listed with program and course descriptions.

Cancellation of Classes or Programs

Contra Costa Medical Career College reserves the right to cancel or postpone a class or a program if student enrollment is insufficient (less than 5 students). However, every effort will be made to cancel the class or program well in advance of the beginning date. Refunds will be issued for tuition and registration fees in this instance.

Cancellation Period

1. You have the right to cancel this agreement, including any equipment or other goods and services included in the agreement, and receive a full refund (less a deposit or application fee not to exceed \$200) through attendance of the first-class session, or the seventh day after enrollment, whichever is later.
2. Cancellations due to no show/non-starts, cancellation by the student during the cancellation period, will receive a full refund (less a deposit or application fee not to exceed \$200) within 45 days of the cancellation date. Cancellations due to program cancellation by the institution will receive a full refund (including the deposit or application fee not to exceed \$200).
3. Your cancellation takes effect when you give a written Notice of Cancellation to this school. Any written expression that you wish not to be bound by this agreement will serve as a Notice of Cancellation of this agreement. Read the Notice of Cancellation form provided to you for an explanation of your cancellation rights and responsibilities. If you have lost your Notice of Cancellation form, ask the school for a copy.
4. You are due for a complete refund within 45 days after the school receives a valid Notice of Cancellation.
5. After the end of the cancellation period, you also have the right to stop school at any time; and you have the right to receive a refund for the part of the course not taken.
6. Cancellation shall occur when the student provides a written notice of cancellation to the address of Contra Costa Medical Career College: 4041 Lone Tree Way Ste. 101, Antioch, California, Attn: Registrar. This can be done by mail, hand delivery, e-mail ccmcc@ccmcc.edu , or fax (925)757-5873
7. The written notice of cancellation, if sent by mail, is effective when deposited in the mail properly addressed with proper postage.

Program/Course Withdrawal

The term “Withdrawal” signifies that a student has withdrawn from a course after completing the first-class session. To withdraw, the student must complete a “Withdrawal Form,” which can be located and submitted at the front desk. If a student wishes to withdraw but is unable to complete the form, they must contact the school and notify the school registrar who can then complete the "withdrawal form" on behalf of the student. In the case that a student informs the instructor, the instructor must immediately notify the school registrar. The effective date of withdrawal is the last date of actual attendance. This is a permanent mark with no grade points assigned. Students withdrawing from one course while retaining their registration with Contra Costa Medical Career College should refer to the Withdrawal section under Grading System in this catalog. The enrollment status of such students will be changed to “Drop.” They will be immediately withdrawn from Contra Costa Medical Career College and their future classes will be deleted from their schedules.

Withdrawal Date

The withdrawal date used to determine when the student is no longer enrolled at Contra Costa Medical Career College is the date the student began the withdrawal process by completing and submitting an official withdrawal form as instructed above and ceasing to attend classes or other College activities. A student who submits a completed official withdrawal form but continues to attend classes or other College activities will not be considered to have officially withdrawn from the college. If a student does not complete the official withdrawal process, the College will determine its withdrawal date based upon federal regulation and institutional records. If a student is absent for 14 consecutive days, excluding holidays, does not communicate directly with the College regarding the nature of those absences, and does not officially withdraw from the program, he/she will be considered withdrawn from the program. The refund will be calculated based on the last day attended (LDA) according to the pro-rate refund policy described above.

Withdrawal after the Cancellation Period

Students have the right to cancel the enrollment agreement and obtain a refund of tuition paid through attendance of the first class session, or the seventh day after enrollment, whichever is later. Students have the right to withdraw from a program of instruction up to the 60% point of the course and receive at least a partial refund. Students are obligated to pay only for education services rendered and any unreturned equipment until the 60 percent point of the program, as measured in hours, after which no refund will be possible. Please note that refunds are based on the elapsed time in a program, not just the hours actually attended by a student. If a separate charge for equipment is specified in the agreement, and the student actually obtains the equipment, and the student returns that equipment in good condition, allowing for reasonable wear and tear, within 30 days following the date of the student's withdrawal, the institution shall refund the charge for the equipment paid by the student. If the student fails to return that equipment in good condition, allowing for reasonable wear and tear, within 30 days following the date of the student's withdrawal, CCMCC may offset against the refund calculated the documented cost to the institution of that equipment. The student is liable for the amount, if any, by which the documented cost for equipment exceeds the prorated refund amount. Equipment cannot be returned in good condition if the equipment cannot be reused because of health and sanitary reasons and this fact is clearly and conspicuously disclosed in the agreement. If a student obtains a loan to pay for an educational program, the student will have the responsibility to repay the full amount of the loan plus interest, less the amount of any refund.

STRF (Student Tuition Recovery Fund)

“The State of California established the Student Tuition Recovery Fund (STRF) to relieve or mitigate economic loss suffered by a student in an educational program at a qualifying institution, who is or was a California resident while enrolled, or was enrolled in a residency program, if the student enrolled in the institution, prepaid tuition, and suffered an economic loss. Unless relieved of the obligation to do so, you must pay the state-imposed assessment for the STRF, or it must be paid on your behalf, if 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. You are not eligible for protection from the STRF and you are not required to pay the STRF assessment, if you are not a California resident, or are not enrolled in a residency program.”

“It is important that you keep copies of your enrollment agreement, financial aid documents, receipts, or any other information that documents the amount paid to the school. Questions regarding the STRF may be directed to the Bureau for Private Postsecondary Education, 2535 Capitol Oaks Drive, Suite 400, Sacramento, CA 95833, (916) 431-6959 or (888) 370-7589.

To be eligible for STRF, you must be a California resident or enrolled in a residency program, prepaid tuition, paid or deemed to have paid the STRF assessment, and suffered an economic loss as a result of any of the following:

1. The institution, a location of the institution, or an educational program offered by the institution was closed or discontinued, and you did not choose to participate in a teach-out plan approved by the Bureau or did not complete a chosen teach-out plan approved by the Bureau.
2. You were enrolled at an institution or a location of the institution within the 120-day period before the closure of the institution or location of the institution or were enrolled in an educational program within the 120-day period before the program was discontinued.
3. You were enrolled at an institution or a location of the institution more than 120 days before the closure of the institution or location of the institution, in an educational program offered by the institution as to which the Bureau determined there was a significant decline in the quality or value of the program more than 120 days before closure.
4. The institution has been ordered to pay a refund by the Bureau but has failed to do so.
5. The institution has failed to pay or reimburse loan proceeds under a federal student loan program as required by law or has failed to pay or reimburse proceeds received by the institution in excess of tuition and other costs.
6. You have been awarded restitution, a refund, or other monetary awards by an arbitrator or court, based on a violation of this chapter by an institution or representative of an institution, but have been unable to collect the award from the institution.
7. You sought legal counsel that resulted in the cancellation of one or more of your student loans and have an invoice for services rendered and evidence of the cancellation of the student loan or loans

To qualify for STRF reimbursement, the application must be received within four (4) years from the date of the action or event that made the student eligible for recovery from STRF. A student whose loan is revived by a loan holder or debt collector after a period of non-collection may, at any time, file a written application for recovery from STRF for the debt that would have otherwise been eligible for recovery. If it has been more than four (4) years since the action or event that made the student eligible, the student must have filed a written application for recovery within the original four (4) year period, unless the period has been extended by another act of law.

However, no claim can be paid to any student without a social security number or a taxpayer identification number.

Calculation of Refund

How Contra Costa Medical Career College calculates refunds: For example, if a student enrolls in a 600-hour program and withdraws after receiving 250 hours of instruction, and if the student paid a \$200.00 registration fee and \$9,850.00 tuition, the school would deduct the \$200.00 registration fee from the amount received, divide the remaining \$9,850.00 by the number of hours in the program ($\$9,850.00 / 600 = \$16.42/\text{hr.}$) and multiply that hourly amount times the number of hours attempted by the student ($250\text{hrs} \times \$16.42 = \$4,105.00$) The amount paid, in excess of that amount would be the amount of the refund. ($\$9,850.00 - \$4,105.00 = \$5,745.00$) Refund Amount. In addition, the refund would include any amount paid for equipment, which is subsequently returned in good condition. If you attend class and drop before payment is made, you will be responsible for tuition accrued up to the date the formal withdrawal notice is given. No refund will be given after 60% of the total program clock hours including the externship hours.

Hypothetical Refund Calculation

Sterile Processing Technician

600 hours total hours

Withdrew after 65 hours of instruction.

\$9,850.00 tuition/ 600 hours=\$16.42 per hour

\$16.42 per hour X 65 hours attempted = \$1,067.30

\$9,850.00 Tuition paid - \$1,067.30 = \$8,782.70

Refund Amount: \$8,782.70

Payment of Refunds

Refunds are made within 45 days following the date upon which the student's withdrawal has been determined.

Title IV Refund Policy

R2T4 refers to the calculation required when a *Title IV* grant or loan recipient withdraws from an institution during a payment period/period of enrollment in which the recipient began attendance. The R2T4 calculation compares the amount of *Title IV* aid the recipient earned to the amount disbursed and determines whether funds must be returned, or the student is eligible for a post-withdrawal disbursement.

If a student withdraws or ceases attendance, we are required to determine if any federal financial aid received should be returned. Federal Financial Aid is based and received at the start of the program and after mid-point and depending on the point of completion and the number of credits we are required to return all or a portion of aid we received.

The percentage earned according to the Return of Title IV policy is determined by the number of days attempted in the payment period up to the last date of attendance from the institutions' attendance records over the actual number of days in the payment period of attendance.

*** Percentage Earned is equal to =
$$\frac{\text{Calendar days completed up to the last day of attendance}}{\text{Calendar day in the payment period}}$$

Excludes:

- I. Institutionally scheduled breaks of 5 or more consecutive days
- II. When a student has completed MORE than 60%, 100% of Title IV funds are earned.

The table below illustrates the application of the refund policy. The example assumes an original tuition charge of \$19,500 and assumes the student paid the entire \$19,500.

Percentage of program completed	10%	25%	50%	60%
Tuition paid by the student	\$19,500	\$19,500	\$19,500	\$19,500
Non-Refundable Tuition owed by Student	\$1,950	\$4,875	\$9,750	\$19,500
Refund Amount	\$17,550	\$14,625	\$9,750	\$0.00

DETERMINATION OF THE WITHDRAWAL DATE

The student's withdrawal date is the last date of academic attendance as determined by the institution from its attendance records. The withdrawal date for a student who does not return from an approved leave of absence is the date on which the student fails to return, as determined by the institution's signed documentation.

NOTE: A student who is on an approved leave of absence retains in-school status for purposes of student financial aid and financing. However, the student should be aware that if he or she does not return from a leave of absence, some or all of the grace period of the loan could have been used, as the withdrawal date is set retroactively.

WITHDRAWAL/DROP DATE POLICY

Official and unofficial withdrawal dates will be determined using the federal regulation definition for a withdrawal date.

The official date will be determined by the earlier of one of the following:

- Date the student provides official notification of intent to withdraw.
- Students who fail to officially withdraw and have missed 14 consecutive calendar days of attendance are assumed to have withdrawn.
- Students who fail to return from an approved Leave of Absence (LOA);

RETURN OF TITLE IV FUNDS CALCULATION PROCESS

The school will use the federal policy to determine the amount which must be returned by the school and/or the student to Title IV programs.

The procedure is:

- Determine Appropriate Withdrawal Date
- Determine Percentage Earned of Title IV Aid
- Determine Percentage of Unearned Title IV Aid
- Determine Title IV Aid to be Disbursed
- Determine Title IV Aid Disbursed
- Determine Title IV Aid to be Returned
- Determine Amount Institution must Return
- Determine Student's Responsibility/Refund

TIMEFRAME OF PROCESSING

All students who withdraw from school must have applicable refunds (R2T4) calculated accurately and paid within 45 days (about 1 and a half months) from the Date of Determination (DOD) and will be based on the payment period from which the student withdrew. Post withdrawal disbursements to the student's account for any outstanding institutional charges or prior year charges (<\$200.00) that we have the authorization to return. This must be paid no later than 180 days (about 6 months) after we determine the date of withdrawal.

A post-withdrawal disbursement, whether credited to the student's account or disbursed to the student or parent directly, must be made from available grant funds within 45 days. Loans must be offered to the student within 30 days, allowing the student at least 14 days to respond. All post-withdrawal disbursements are applied to the student's account first.

We must provide written notification no later than 180 days to the student (or parent) of the opportunity to accept all or part of the post-withdrawal disbursement of Title IV loan funds. This must be done within 30 days of Contra Costa Medical Career College's determined date of withdrawal. (DOD)

RETURN OF TITLE IV CREDIT BALANCE

When a student withdraws during a period with an existing Title IV credit balance, CCMCC will not release any portion of a Title IV credit balance to the student and will not return any portion to the Title IV funds prior to completing the R2T4 calculation.

Credit balance funds must be disbursed as soon as possible and no later than 14 days after the calculation of the R2T4. Any student who receives an overpayment from Title IV must repay it in full.

FUNDS RETURNED BY PROGRAM

Return to Title IV Calculation (R2T4) – This is the federally required process that determines whether any portions of funds received must be returned when a recipient of Federal Financial Aid Funds withdraws from a school.

- Federal Aid funds are returned in the following order:
- Federal Unsubsidized Loan
- Federal Subsidized Loan
- Federal PLUS Loan
- Federal Pell Grant

Ex. Sally, a current student, notified the school of her intent to withdraw. The total scheduled days in the payment period are 108 and the student attended 54 days. The percentage of completion is 50%. The student earned 50% of the Title IV funds that were disbursed.

Academic and Attendance Policies

If at any point the CCMCC staff determines that it is mathematically impossible for the student to meet the minimum requirements, the student must be dismissed from the College. Notification of academic dismissal is made in writing. The conduct policy section in the catalog describes other circumstances that could lead to student dismissal for non-academic reasons. As a condition of academic monitoring, students on warning and Term Action status must participate in academic remediation as deemed necessary by the institution.

Academic Standard Policy

All students must maintain satisfactory academics in both the didactic and skills portion of the program in order to meet Program Standards and remain enrolled at the College. Satisfactory academic progress is determined by computing the student's Cumulative Grade Point Average (CGPA) of 2.0 (70%) for didactic course work (80% for Diagnostic Medical Sonography Program, and Vocational Nurse Program) and must display competency during laboratory skills training. Each education program has its own detailed evaluation standards. Grades may be based on homework, assignments, class participation, oral or written tests, and manipulative performance examinations given with each unit of learning. Students are required to complete 90% of the didactic portion of the program and 100% of the externship.

Contra Costa Medical Career College conducts evaluations of each student's progress on a weekly basis to assess compliance with minimum program standards. Grades are recorded using Student Information System Instructor Web Portal. This is an online student grade record. Grades are recorded and updated on a weekly basis. Students will be given access to the student web portal through Student Information System and

are able to download and register through the CCMCC mobile Application which displays their grades. Students will have access to their grades 24 hours a day through the student web portal and the CCMCC Mobile Application. **A student who has not achieved the minimum program standard will be placed on a Term Action Plan for a period of two weeks.** The program instructors will make every attempt possible to help the student improve his/her grade by offering one on one tutoring to the student, suggesting study groups and techniques, and being available to the student for questions. A Status Update Form will be completed in 2 weeks following the initiation of the Term Action Plan.

1. If the student's grade has not improved with remediation attempt, the student will be dismissed.
2. If the student meets the standard, they will be removed from Term Action status.
3. If the student's grade has improved but has not met the program standard it will be determined if the student is able to bring the grade up in the remaining time left in the program. If there is not enough time left in the program to bring the grade up to program standards, the student will be dismissed. If it is determined that the student has enough time to bring his/her grade up, a second Term Action Plan will be initiated for a period of 2 additional weeks. If the student has not brought the grade up to the program standard by the end of the 2nd two-week period, the student will be dismissed. A maximum of 2 Term Action Plans can be initiated per student per program term.

Practical skills competency is evaluated by the program instructor using a skills checklist method. Each skill must be performed competently by the student evidenced by return demonstration. **Practical skills are evaluated on a weekly basis.** A student who demonstrates poor skills performance will be put on a Performance Progress Term Action Plan for a period of 2 weeks. A status update will be done at the end of the 2-week period to determine if the student's skill performance has improved to meet the program standards.

1. If the student's skill performance has not improved with the remediation attempt, the student will be dismissed.
2. If the student skill performance meets the program standard, they will be removed from Term Action Plan status.
3. If the students' skill performance has improved but does not meet the program standard a second Performance Progress Term Action Plan will be initiated for a period of 2 additional weeks. If the student has not improved enough to meet the program standards at this time, the student will be dismissed. A maximum of 2 Performance Progress Term Action Plans can be initiated per student per program term.

Phlebotomy Program-Student progress is evaluated twice per week following each quiz to assess compliance with minimum program standards. If a student has fallen below the standard a Term Action plan will be initiated. Following initiation of a Term Action Plan, Status Updates are done twice a week after each quiz due to the short nature of the Phlebotomy Program. A maximum of 2 Status Updates will be allowed

1. If the student's grade has not improved with remediation attempt, the student will be dismissed.
2. If the student has brought his/her grade up to the standard, he/she will be removed from Term Action status.
3. If the student's grade has improved but has not met the program standard it will be determined if the student is able to bring the grade up in the remaining time left in the program. If there is not enough time left in the program to bring the grade up to program standards, the student will be dismissed. If it is determined that the student has enough time to bring his/her grade up, a second Status Update will be conducted following the next quiz. If the student has not brought the grade up to the program standard at that time the student will be dismissed. A maximum of 2 Status Updates can be performed following initiation of a Term Action Plan which limits the Term Action Plan period to 1 week. A student will only be allowed to initiate 1 Term Action Plan per Phlebotomy Program term.

A student who demonstrates poor skills performance in the practical portion of the Phlebotomy Program will be put on a Performance Progress Term Action Plan for a period of 1 week. A status update will be done at the end of the 1-week period to determine if the student's skill performance has improved to meet the program standards.

1. If the student's skill performance has not improved with remediation attempt, the student will be dismissed.
2. If the student's skill performance meets the program standard, they will be removed from Performance Progress Term Action Plan status.
3. If the students' skill performance has improved but does not meet the program standard, a second Performance Progress Term Action Plan will be initiated for a period of 1 additional week. If the student has not improved enough to meet the program standards at this time, the student will be dismissed. A maximum of 2 Performance Progress Term Action Plans can be initiated per student per Phlebotomy Program term

Grading and Evaluation Procedures

Grade reports are issued to students at the completion of each term. Grades are based on the quality of work as shown by written tests, laboratory work, term papers, and projects as indicated on the course or program syllabus. The grading scale is as follows: The following grading policy is in effect: at CCMCC, a pass is understood to be 70% or more (80% for Vocational Nurse, and Diagnostic Medical Sonography Programs). Courses also may be designated as Pass/Fail by the class Instructor. Students must take and complete all required modules. The following grading policy is in effect:

Grade scale is as follows:

90 – 100% = A

80 – 89.9% = B

70 – 79.9% = C

60 – 69.9% = D

Below 59.9 = F

Grades D and F are considered a fail. The externship/practical grading policy involves only:

P (Pass) F (Fail)

In the event a student receives a failing grade or is dismissed during externship, the student will be given the opportunity to find an alternate site, without the assistance of the school, and finish his/her externship within a limited time frame. (Rules apply, see externship procedure). e). A failing grade in the externship/practical training is caused by poor attendance, unprofessional conduct, unethical behavior, etc. that contradicts school and affiliated facilities policies. A student who during his/her clinical curriculum shows poor attendance, poor participation, and poor grades may be dismissed from the site resulting in a failing grade.

Grade Reporting

Students are given a log-in to the student portal through Student Information System, which is the college's online grading management system. Students can also download the CCMCC mobile Application which gives them 24-hour access to their grades. Grades are not given over the telephone. All grades are posted in Student Information System, or submitted to the students directly. Students may request an unofficial transcript from the Registrar. Grades are reported only for students officially registered in a class. Students should direct questions regarding the accuracy of a grade to their instructor. Due to the requirements of each course, instructors are allowed a reasonable time to submit grades.

Grade Appeals It is the responsibility of faculty to articulate and communicate course requirements and standards of performance to students at the beginning of each program and apply all grading criteria uniformly and in a consistent and timely manner. Grades submitted by faculty are presumed to be accurate. A student who has questions about a grade received within a program or course should ordinarily seek to resolve the issue immediately by first consulting with the instructor. If the issue has not been resolved after consultation, and the student believes there are grounds for appealing the grade, the student may invoke the grade appeal procedure outlined below.

Grounds for a Grade Appeal Students can appeal a grade only when they can document that one or a combination of the following has occurred:

- An error in calculating the grade
- Failure of the instructor to notify students clearly and promptly of the criteria for grade determination
- Assignment of a grade based on reasons other than the announced criteria and standards
- Assignment of a grade based on factors other than student achievement, e.g., prejudice or discrimination
- Inconsistent or inequitably applied standards for evaluation of student academic performance
- If the student believes that the grade received is based upon unlawful discrimination, or sexual harassment, as defined in these policies and procedures, the student should proceed under the procedures in this catalog for “Complaints Relating to Discrimination and Sexual Harassment.”

The Process When students believe that they have grounds for appealing a grade issued by an instructor because of an occurrence of one or more of the above-mentioned circumstances, the following procedures must be followed:

1. The student must submit a written appeal to the Program Director within 5 days of issuance of the grade. If the Program Director is the instructor, the Director of Education will be assigned the appeal.
2. The student must provide clear documentation that demonstrates the occurrence of one or more of the above-listed grounds for appeal. Documentation may be in the form of email correspondence, proof of graded assignments, etc.
3. The student must also provide evidence of the level of achievement in support of the appeal proving the particular grade that the student believes he/she should have been awarded.
4. If the evidence meets the criteria, the Program Director, or alternate, forwards the student’s written statement to the Director of Education for final review, which the Director of Education must provide within 5 days.

Satisfactory Academic Progress (SAP) FOR TITLE IV PURPOSES ONLY- Procedure:

All students are required to maintain satisfactory progress in their course of study, Full-time, and Part-time for every program. Satisfactory progress is measured by both qualitative and quantitative measurements calculated at each evaluation point per the requirements set forth below. Students must maintain the minimum standards for hours/credits, grade point average, and maximum time frame to be considered as maintaining satisfactory progress.

Qualitative Standard:

To maintain satisfactory academic progress, a student must have a cumulative GPA of 70% (80% for the Vocational Nurse program, and Diagnostic Medical Sonography Program). Students who fail to record a cumulative GPA of 70% (80% Vocational Nurse program and Diagnostic Medical Sonography Program) measured at each evaluation point of their program will be placed on Academic Warning or Probation. (See Warning/Probation Policy below.)

Module grades will be reported to the Director of the Program at the end of each module. The Academic Records will calculate cumulative GPA at each evaluation point and place affected students on academic warning or probation by completing probation forms, discussing the terms of the warning or probation with the student(s), and having the student sign the form. The Academic Records will then process a warning or probation notice and file it in the student’s academic file.

Quantitative Standard:

To maintain satisfactory academic progress a student must have successfully completed a minimum of 67% of the credits attempted. Students who fail to successfully complete a minimum of 67% of the credits attempted measured at the evaluation point(s) of the program will be placed on Financial Aid Warning or Probation. (See

Warning/Probation Policy below) The Academic Records will review all students' credit completion (attendance) at the evaluation point(s) of their program. If the student has not successfully completed 67% of the credits attempted the Academic Records will place the student on warning or probation by completing proper forms, discussing the terms of warning or probation with the student(s), and having the student sign the form. The Academic Records will then process the warning or probation notice and file it in the student's academic file.

Maximum Time Frame Requirements:

To maintain satisfactory academic progress, a student must have sufficient progress in the program to assure that it can be completed within 1 and ½ (150%) the total program length (maximum time frame). Once the student completes 100% of the program, the student will no longer be eligible for Federal Student Aid. The maximum time frame for completing each program is outlined below:

	<u>PGM LENGTH- 100%</u>	<u>MAX TIME FRAME – 150%</u>
Diagnostic Medical Sonography Associate of Applied Science in Surgical Technology	96 Credits	144 Credits
Dental Assisting	111 Credits	166.5 Credit
Medical Assisting with Phlebotomy	49 Credits	73.5 Credits
Sterile Processing Technician	32 Credits	48 Credits
Vocational Nurse	30 Credits	45 Credits
	1595 Clock Hours	2392.5 Clock Hours

Evaluation Periods: Satisfactory Academic Progress will be assessed at the following:

Diagnostic Medical Sonography Associate of Applied Science in Surgical Technology	18 Quarter Credit	36 Quarter Credit
Dental Assisting	28 Quarter Credit	55 Quarter Credit
Medical Assisting with Phlebotomy	18 Quarter Credit	36 Quarter Credit
Sterile Processing Technician	16 Quarter Credits	
Vocational Nurse	15 Quarter Credits	
	450 Clock Hours	901 Clock Hours

Withdrawal and Incomplete Grade Policy

Withdrawal from a program will result in termination from the program. An Incomplete (I) are not accounted for, this option does not apply to our students. They must pass/fail or re-enter the program of study.

Warning Policy

Students attending school during the “warning period” are still deemed to be in Satisfactory Academic Progress and will continue to receive Federal Student Aid for that one payment period. Financial Aid Warning status is assigned without an appeal or other action by the student.

If at the end of the warning period, the student meets both the qualitative and quantitative standards, they will re-establish Satisfactory Academic Progress and eligibility for Federal Student Aid will continue.

If at the end of the warning period, the student has not met both the qualitative and quantitative standards, the student will be placed on Financial Aid Probation and considered not making Satisfactory Academic Progress during the probation period. The student has the option to appeal this decision in order to remain in the program.

If the student submits an appeal for unsatisfactory academic progress, and the appeal is denied, the student will be deemed ineligible for Federal Student Aid for the next payment period. If the appeal is approved Probation will continue until the next evaluation period and the student will have to complete an academic plan and then

Financial Aid will be reinstated.

Probation Policy (Term-Action Status)

Academic Financial Aid Probation will occur if the student fails to meet qualitative (70% GPA) (80% GPA, Vocational Nurse and Diagnostic Medical Sonography programs) and quantitative (67% credits attempted) standards, upon completion of the warning period, at any incremental evaluation point. Probation status continues until the student's next established evaluation point. Written notification will be sent to all students being placed on Financial Aid probation. This probationary period will not interrupt any student Title IV Funds eligibility and will continue to receive funds during the payment period only if the student submits a written appeal to the Satisfactory Academic Progress determination within 15 days of receiving notice of unsatisfactory progress and the Appeal Committee approves the appeal. If the student meets the minimum attendance and academic requirements by the end of the probationary period, satisfactory academic progress will be re-established, and Title IV funds will be disbursed for the next payment period. If a student doesn't meet the minimum requirements within the next consecutive grading period, the student's enrollment will be terminated.

Termination Policy

Students who fail to make Satisfactory Academic Progress by the end of their probation period will be terminated. Any student that is terminated from the program may appeal against the decision. All appeals and/or requests for re-admission must be made in writing to the Appeals Committee within 15 days (about 2 weeks) of the student being notified of his/her probation or termination.

Appeal Procedure

If a student is determined to not be making Satisfactory Academic Progress, they may appeal the determination. The student will submit a written appeal to the Appeals Committee on the SAP Appeal Form with supporting documentation as to the reasons why the determination should be reversed. This information should include what has changed about the student's situation (death in the family, injury, illness, or other allowed extraordinary circumstances) that will allow them to achieve Satisfactory Academic Progress by the next evaluation period.

Appeal documents will be reviewed by the Appeals Committee consisting of a Director of Education, Faculty Instructor, and Director of Financial Aid. A decision will be made and reported to the student within 15 calendar days. The appeal and decision documents will be retained in the student file.

Reinstatement of Financial Aid

If the student prevails upon the appeal or regains satisfactory academic progress status by meeting the qualitative and quantitative requirements the Satisfactory Academic Progress determination will be reversed, and federal Financial Aid will be reinstated as applicable. Students will be placed on Financial Aid Probation.

Appeal Policy

Students who are deemed ineligible for Federal Student Aid after one payment period on Financial Aid Warning may appeal the decision. All appeals and/or requests for re-admission must be made in writing to the Director of Education within 15 days of the student being notified of his/her termination. The appeal or request for re-admission must document that the conditions resulting in the termination have been rectified. During this period, the student is ineligible for Federal Student Aid.

Re-admission is not guaranteed, and the decision of the Director of Education is final. The Director of Education will notify the student in writing of the decision within 15 days of the college's receipt of the appeal or request for readmission.

Noncredit Courses: Noncredit courses do not apply to this school. Therefore, these items have no effect on the schools' Satisfactory Progress Standards.

Application of Grades and Credits

The grading policy above describes the impact of each grade on a student's academic progress. For calculating the rate of progress, grades of "F" (failure) and "W" (withdrawn), are counted as hours attempted, but are not counted as hours successfully completed. A "W" will not be awarded after reaching 60% of the term. Withdrawal after reaching 60% of the term will result in the student receiving an "F".

General Attendance Policy

All students must be officially registered for a class to attend the class or to receive a grade. Contra Costa Medical Career College instructors cannot permit unregistered students to attend a class and cannot issue grades to unregistered students. Tardiness and early departure from classes accrue with the potential for a cumulative effect on absences. Any dispute about attendance must be addressed by the student in writing to the Director of Education. Once grades have been issued and credit awarded, neither the coursework nor the grade can be removed from the student's transcript, and tuition will not be refunded. With instructor approval, students may be allowed to make up examinations or class assignments missed due to an **excused** absence or excused tardiness. Work must be completed immediately upon return and in the same delivery method as originally required. Students may not make up exams or homework missed due to an unexcused absence. For an absence to be excused, students must notify their instructor and/or leave a message with the administrative assistant before the start of class. An excused absence still counts as an absence. Students may not miss more than 10% of the required program/course clock hours. Students are required to complete 90% of the total clock hours. 100% of the hours required during the clinical externship portion of the program must be completed. Being tardy to class is strongly discouraged. Being tardy is coming to class 1-14 minutes after the designated start time. Tardiness and leaving early have a negative effect on grades. Being tardy for more than 15 minutes is considered an absence and leaving more than 15 minutes early is also considered an absence. Students will be warned in writing when they are in danger of being dismissed for excessive absenteeism or tardiness. If a student is in violation of this policy and exceeds the maximum allowed absences, he/she will be dismissed and will need to ask for re-admittance. If re-admittance is granted, the student will have to start the program over and will be responsible for paying all published tuition charges and fees associated with the program. If a student does not meet graduation requirements, records of his/her attendance and grading will be maintained through official transcripts.

E-Learning-100% attendance is required for completion of the Comprehensive Basic and Advanced Phlebotomy on-line courses. Students are required to successfully complete 100% of E-learning coursework to receive a certificate of completion for both Comprehensive Basic and Advanced Phlebotomy on-line.

Retake/Make-Up Policy

The student may make up exams and assignments missed due to an **excused** absence only. An excused absence is defined as any absence caused by an **unforeseen circumstance**. The student must notify the school either by calling the Administrative Assistant and/or e-mailing the instructor on the day of the absence or prior. If the student makes no attempt to contact the school regarding his/her absence, the absence will be considered unexcused and any missed work, including exams, will not be allowed to be made up. All work must be made up **immediately** upon the student's return or credit will not be given. Make-ups must be done prior to or after regularly scheduled program hours. Make-ups will not be allowed during class time. Re-taking exams in which, the student received a "D" or "F" is not allowed. If there are extenuating circumstances for the failing grade, a grade appeal may be initiated. (See grade appeals).

Academic Dishonesty

Academic dishonesty includes cheating, plagiarism, and any attempt to obtain credit for academic work through fraudulent, deceptive, or dishonest means. Below is a list of some of the forms academic dishonesty may take:

- Using or attempting to use unauthorized materials, information or study aids in any academic exercise.

- Submitting work previously submitted in another course without the consent of the instructor.
- Sitting for an examination by surrogate or acting as a surrogate
- Representing the words, ideas, or work of another as one's own in any academic exercise
- Conducting any act that defrauds the academic process. Plagiarism is the presentation of someone else's ideas or work as one's own. As such, plagiarism constitutes fraud or theft. Plagiarism or academic dishonesty in any form is a grave offense and will not be tolerated. If an instructor determines there is sufficient evidence of academic dishonesty on the part of a student, the instructor may exercise one or more of the following options
- Require a timed writing sample to be given on the assigned topic to determine the veracity of the suspicion
- Require that the work be rewritten
- Issue a lowered or failing grade for the assignment
- Issue a lowered or failing grade for the course. If a student's assignment or course grade is lowered on the grounds of academic dishonesty, the instructor must inform the student that academic dishonesty is figured into the calculation of the grade. The student may exercise his/her right to appeal the grade by requesting a disciplinary hearing convened by Contra Costa Medical Career College. It is the instructor's responsibility to report any reasonable suspicion of plagiarism to Contra Costa Medical Career College so that such behavior may be monitored, and repeat offenders identified. Notification may be made through one's department chair. Upon request for disciplinary action or upon repeated offenses, the Director of Education will initiate hearing proceedings that may result in disciplinary action such as probation, suspension, or expulsion.

Disciplinary Term Action Status

Students may also be placed on a Disciplinary Term Action Plan for reasons including but not limited to unacceptable conduct, violation of the uniform policy or drug or alcohol use. These students will be closely monitored by their instructors and can be dismissed for non-compliance.

Appeal

A student who has been behaviorally put on warning, term action plan, probation or dismissed may appeal the determination if special or mitigating circumstances exist. The student may appeal, in writing by either email correspondence or written letter within 5 days of the event, to the Director of Education. (For a grade appeal, the student must submit a written appeal to the Program Director within 5 days of issuance of the grade. If the Program Director is the instructor, the Director of Education will be assigned the appeal). The student should explain what type of circumstances contributed to the problem and what plans the student must eliminate those potential problems in the future. The decision of the College is final and may not be further appealed. Decisions regarding readmission will be based on factors such as grades, attendance, student account balance, conduct, and the student's commitment to completing the program. Dismissed or dropped students who are readmitted will sign a new Enrollment Agreement and will be charged tuition consistent with the existing published rate.

Graduation Requirements A Certificate of Completion will be awarded to those students meeting the graduation requirements. Associate of Applied Science in Surgical Technology Program, students will receive an Associate of Applied Science in Surgical Technology from Contra Costa Medical Career College. Students eligible for certificates of completion are those who have satisfactorily completed their courses of study with an appropriate number of clock hours with a cumulative grade point average of 2.0, (3.0 for Associate of Applied Science in Surgical Technology core courses, and Diagnostic Medical Sonography, and Vocational Nurse Program), passed the final exam with letter grades of "C" or better, ("B" for Associate of Applied Science in Surgical Technology core courses, and Diagnostic Medical Sonography, and Vocational Nurse Program) and have fully paid all tuition charges. Students must meet all minimum attendance requirements as stated on page 20 of this catalog. Refer to the Associate of Applied Science in Surgical Technology, Diagnostic Medical Sonography, and Vocational Nurse Program sections for graduation criteria.

Change of Course Policy

Any student wishing to transfer from one course to another after beginning the coursework must:

- Enroll in the new course of study through the Admissions Department.

Arrange to satisfy the financial requirements of the contract regarding the dropped course. The refund policy will determine the financial obligations.

Course Scheduling

Contra Costa Medical Career College does not allow any course substitutions or changes in any program. Students may drop a course prior to the end of the cancellation period, which ends on the seventh day after enrollment or on the first day of instruction, whichever is later. No grade will be given, and no tuition will be charged, but the student must drop the course **prior** to the end of the cancellation period to avoid incurring a tuition charge or receiving a grade.

Change of Academic Program Students may apply for a change of academic program at any time, provided they are not dismissed or terminated for behavioral reasons from their current program. Application for such a change does not, however, mean automatic acceptance into the new program. Entering a program after the program has started is not permitted. The student can only start a new program on the following cohort start date. Official acceptance into the new program occurs only when the student receives official notification, and the student has met all admission requirements specific to that program. Students on probation must submit their request for a change of program to the Admissions Counselor of Contra Costa Medical Career College for approval. The third and any subsequent application for a change in the program must be accompanied by a letter of intent that must be approved by the Director of Education. This letter should explain the reason for the change along with the plan for completion. The student must arrange to satisfy the financial requirements of the enrollment agreement regarding the dropped Program. The refund policy will determine the financial obligations.

Leave-of-Absence Policy

A student may not take a leave of absence during the didactic portion of their program/course if they are enrolled in a linear program. If the student is enrolled in Medical Assisting, or Medical Assisting with Phlebotomy, and it becomes necessary for them to interrupt their didactic portion of their program, they may be eligible to take a Leave of Absence in-between a module. A leave of absence may be granted for specific situations including Illness, Family Emergency, Financial Difficulties, Pregnancy, or Death in the family. A leave of absence must be approved by the Program Director. A request for a leave of absence must be made in writing and signed by the student. The student must include a reason for the request. The student must attest to understanding the procedures and implications for return (or failure to do so). If a leave of absence is approved, the student will be granted a leave of absence for up to a maximum of 180 days or ½ the published program length, whichever is shorter. If it becomes necessary for a student to interrupt their externship training, a leave of absence may be granted for specific situations including Illness, Family Emergency, Financial Difficulties, Pregnancy, or Death in the family. A leave of absence during an externship must be approved by the Director of Career Services. A request for a leave of absence must be made in writing and signed by the student. The student must include a reason for the request so that CCMCC may have reasonable expectations of the student's return, and the student must attest to understanding the procedures and implications for return (or failure to do so). A leave of absence period may not exceed 180 days within any 12-month period or ½ the published program length, whichever is shorter. Under normal circumstances, a student may not take more than one leave in any 12-month period. However, a student may be granted more than one leave of absence in the event unforeseen circumstances arise, such as medical reasons affecting the student or a member of the student's immediate family, military service requirements, or jury duty, provided that the combined leaves of absence do not exceed 180 days within the 12-month period or ½ the published program length, whichever is shorter. If the student does not return following the leave of absence period, CCMCC will consider the student as having permanently withdrawn and will apply its refund policy, which will be based on the time elapsed in the student's program, as measured in clock hours, as of the last date of attendance.

Withdrawal Policy

The term “Withdrawal” signifies that a student has withdrawn from a course after completing the first-class session. To withdraw, the student must complete a “Withdrawal Form,” which can be located and submitted at the front desk. If a student wishes to withdraw but is unable to complete the form, they must contact the school and notify the school registrar who can then complete the "withdrawal form" on behalf of the student. In the case that a student informs the instructor, the instructor must immediately notify the school registrar. If the student withdraws, the student will be permanently dropped from the program and a refund will be made in accordance with the CCMCC refund policy.

Repeating Courses

The College’s programs are designed as a series of uninterrupted courses and programs, so repeating courses is not applicable to the programs offered at Contra Costa Medical Career College. Students who need to repeat a particular course will be dropped from the program and will have to re-enroll at a later date. The student will be responsible for the full program tuition once they restart the program.

Maximum Time (in clock hours) in Which to Complete

(VA benefits are paid for approved program length only)

Students are not allowed to attempt more than 1 and 1/2 times, (150%) of the number of clock hours in their program of study. This ensures that students will complete their program within the maximum time frame.

Maximum Length of Time (in clock hours) for Course Completions

(VA benefits are paid for approved program length only)

Phlebotomy Technician: 180 hours

Maximum Length of Time (in clock hours) for Program Completions

(VA benefits are paid for approved program length only)

Pharmacy Technician: 504 hours

Medical Admin/Billing/Coding Specialist: 480 hours

Sterile Processing Technician: 900 hours

Medical Assisting with Phlebotomy: 960 hours

Clinical Medical Assisting: 480 hours

Diagnostic Medical Sonographer: 2880 hours

Medical Assisting: 660 hours

Dental Assisting: 1478 hours

AAS Surgical Technology: 2472 hours

Vocational Nurse: 2393 hours

Maximum Class Enrollment

The maximum enrollment for each class at Contra Costa Medical Career College will be 24 students per instructor during lecture. This means that each instructor will have no more than 24 students per class section during each program. (Dental Assisting maximum is 18 students per instructor during lecture) This means that each instructor will have no more than 18 students per class section during each module. (Vocational Nurse maximum is 30 students per instructor during lecture) This means that each instructor will have no more than 30 students per class section during each program. (Associate of Applied Science in Surgical Technology is 18 students per instructor during lecture) This means that each instructor will have no more than 18 students per class section during each program. During the skills laboratory portion of the training, the maximum student-to-instructor ratio is 15 students to 1 instructor. (Medical Assisting maximum is 12 students to 1 instructor in the lab) (Dental Assisting maximum is 14 students to 1 instructor in the lab and 6 students to 1 instructor during all preclinical, and clinical instruction) (Associate of Applied Science in Surgical Technology maximum is 10 students to 1 instructor in lab). (IDL- All IDL courses are 40 students to 1 instructor for didactic) The established ratio for externship for all programs is 1:1. The rationale for determining the established ratios was by adhering to the regulation and guidelines set forth by the State of California’s Department of Consumer Affairs Bureau for Private Postsecondary Education as well as the JRC-DMS. The institution utilizes appropriate and effective instructional methods and other resources to ensure sound instructional delivery.

English Language Proficiency

Contra Costa Medical Career College does not provide English as a Second Language instruction. Students are required to speak English when an instructional setting necessitates the use of English for educational or communication purposes. All courses are taught in English.

Externship/Practical Training Policies

Students may be required to complete a practical training component in the form of an externship depending on the academic discipline in which they are enrolled. This training is accomplished off-campus. See each individual program section for program-specific externship requirements. When completing their on-campus academic studies, the student must maintain satisfactory academic progress to proceed to his/her or externship course. Agencies and institutions that CCMCC students attend for externships and potential employers require criminal and personal background checks. Students with criminal records that include felonies and certain misdemeanors are not accepted by these agencies for externship or employment placement. All students must submit to a drug test.

Clinical Externship Guidelines:

A BACKGROUND CHECK AND DRUG SCREENING WILL BE PERFORMED ON ALL STUDENTS PRIOR TO THE EXTERNSHIP PLACEMENT. NO felony and certain misdemeanors (pending charges or convictions) are permitted. Charges include but are not limited to: theft, grand theft, drug offenses, burglary, breaking and entering, assault and/or battery offenses, are not permitted.

Students will be responsible for arranging means of travel to and from their assigned externship site. This distance of travel will vary per site location and may be located up to 70 miles away from school.

Immunization (titer) Requirements (per Facilities requirements)

Students must provide proof of immunity for the following:

1. **TDAP:** Adult dose within the last 10 years.
2. **MMR:** Laboratory documentation of immunity titer or documentation of two doses of MMR vaccine. (Some clinical sites may require a titer)
3. **Hepatitis B:** Laboratory documentation of immunity or documentation of vaccine series, or signed declination (some clinical sites may require a titer)
4. **PPD/TB:** You must have 1 negative skin test within the last year. If your result is positive, a chest x-ray report is required. Some facilities require a 2-step skin test. You may also provide proof of a negative QuantiFERON-TB Gold test.
5. **Varicella:** Laboratory documentation of immunity or documentation of two doses of Varicella vaccine. (Some externship sites may require a titer)
6. **Flu Vaccine** is required from September through March during externship for certain facilities.
7. **COVID 19:** Documentation of vaccine or a signed waiver. (Some facilities may NOT accept waivers)

****ALL REQUIRED DOCUMENTS, INCLUDING RESUME AND COVER LETTER, ARE DUE BY THE HALFWAY POINT OF THE DIDACTIC PORTION OF *ALL PROGRAMS. IF REQUIRED DOCUMENTS ARE NOT TURNED IN BY THE DUE DATE, EXTERNSHIP PLACEMENT WILL BE DELAYED. NO ACCEPTIONS. STUDENTS WHO FAIL TO TURN IN REQUIRED DOCUMENTS WILL AUTOMATICALLY BE DROPPED FROM THE PROGRAM 30 DAYS AFTER THE LAST DAY OF DIDACTIC TRAINING. *VN DOCUMENTS ARE DUE AT THE BEGINNING OF TERM 1 BEFORE THE START OF CLINICAL TRAINING.**

BLS Policy: Per facilities requests all students are required to submit proof of completion and current BLS certification through the American Heart Association for the Healthcare Provider. CCMCC offers BLS classes.

You may enroll at the front desk. **If you are late or no show to the BLS class, you will forfeit your spot and have to re-pay to sign up.**

- CCMCC will begin the process of providing an externship site to students as soon as the student has passed the didactic portion of their program and turned in all paperwork/documents.
- **All documents must be turned in by the due date given on the first day of class. If required documents are not turned in by the due date, externship placement WILL be delayed.**
- Students may secure their own externship site but must furnish CCMCC with the name of the facility and a contract and evaluation form. Students will have limited time (program specific) from the last day of class to complete the externship.
- **In the event that the student is dismissed from the facility, or does not complete the externship hours, CCMCC will not be responsible for providing another externship site. The student may then find his/her own externship, which cannot be a site currently contracted with CCMCC, with limited time to complete it and must inform CCMCC with the name of the facility and name of the supervisor. A clinical evaluation form from CCMCC must be sent to the facility for the student to get credit for the clinical externship. The student will no longer be covered under the school's student blanket liability insurance. This applies to all programs requiring externship.**
- Students should understand that the externship site should be treated like a regular job and therefore **must** adhere to the rules of the facility, including scheduling hours and transportation. If you are going to be absent from your externship, you must call the site AND CCMCC before your absence. You are required to call every day that you miss to report on your status. Not following this policy is grounds for dismissal.
- **Students are not allowed to contact the facility or its employees if dismissed. Violating this policy WILL result in program expulsion.**
- **Once a student is placed in his/her externship, all required hours must be completed no later than 6 months following the last day of didactic training. Students who do not complete their externship within this time frame will be dropped from the program and required to retake the didactic training. The student will be responsible for payment of all program fees.**
- ***If, for any reason "WITHIN THE CONTROL OF THIS INSTITUTION", the school is unable to place its student in an externship, a full refund of the program tuition and fees, minus the registration fee, will be refunded. (Associate of Applied Science in Surgical Technology student please see externship placement information and guidelines in the Associate of Applied Science in Surgical Technology Handbook for specific program guidelines.)**

Student Services Policies

Facilities

Contra Costa Medical Career College occupies 26,000 square feet of classroom space and offices with ample parking for tenants, students, and guests. The general environment of CCMCC is professional, spacious, and orderly. There are twelve administrative offices, ten classrooms: nine skills laboratories, a library/computer lab area, and an indoor student break area. Vending machines and a copy/fax machine are available for student use. Students may access the library/computer lab during posted hours. The library/computer lab consists of twelve computers, a printer, a resource working area, and an ample selection of books, magazines, and journals. Lecture rooms have a max capacity of 24 students. There are 4 restrooms available in the facility.

Career and Assessment Service

CCMCC is committed to providing professional career and employment related services to current students and

graduates from programs, regardless of the geographical location of our students. Dedicated personnel will provide resume review and critique; job search assistance; interviewing and negotiating techniques; career development and assessment for those students seeking career direction.

Contra Costa Medical Career College does not guarantee employment.

Student Services Policies, Procedures and Resources

Contra Costa Medical Career College provides a number of services to help students attain their educational goals. These services are designed for the academic, economic, and personal needs of enrolled students. Student services include student advising and scheduling, records evaluation, student finance, and other services.

Guidance and Counseling

When problems at college, home, or work interfere with academic performance, the student is encouraged to ask for a private conference with his or her Program Director, Admission representative, or the Externship/Career counselor. A student whose problems are beyond the scope of the College will be referred to outside counseling agencies.

Housing

Contra Costa Medical Career College does not assume responsibility for student housing, does not have dormitory facilities under its control, nor offers housing assistance. One-bedroom apartments in the 94531 area are available for rent, ranging from \$1,500-\$3,000 per month. www.apartments.com.

Campus Security

A crime report is available to any student who requests such information. These reports are generated from local police department reports. Contra Costa Medical Career College policies are accorded procedures consistent with fair process typically before disciplinary action is imposed. However, in inappropriate circumstances, students may be suspended prior to a hearing.

When a violation has occurred, an incident report, including the date, time, and circumstances of the alleged act, must be submitted to the President/CEO of Contra Costa Medical Career College. This report includes a description of the actions of all parties involved, names of witnesses available, and documentary evidence that supports the charge. Students wishing to report a violation should file the report through the administrator responsible of the campus or a full-time faculty member. Upon receipt of the report, the Administrator of the campus and/or the President/CEO of Contra Costa Medical Career College will determine if a Contra Costa Medical Career College policy may have been violated by the student. If there is insufficient information to make that determination, the President/CEO of Contra Costa Medical Career College will notify the person making the report. If there is sufficient information, the Student Affairs Coordinator of Contra Costa Medical Career College will contact the student.

Media Lab Regulations

Computer labs are available at the College for use by students, faculty, and staff. By using any Contra Costa Medical Career College Media Lab, students agree to comply with the computer and Internet access policy and additionally agree to follow these regulations:

- 1) Students must sign in to use the facilities. They may be asked to show identification.
- 2) Students may not install privately owned or acquired software on college computers. Software copyrights are strictly enforced. The Computer Software Policy provides complete details.
- 3) Students may not bring food or drink into the area.
- 4) Students may use computing resources for college-related purposes only.
- 6) Students should minimize their use of lab printers.

Computer Software and E-Mail Policies

The Copyright Law of the United States (Title 17, United States Code) governs the making of copies of

copyrighted software. Copyright infringement could subject the violator to civil damage and criminal penalties, including a fine or imprisonment.

College policy further prohibits any use or copying not authorized by the purchase agreement or license under which the college acquired the software. Unauthorized use or copying may subject employees, faculty, and students to disciplinary action. Students may not use the e-mail addresses of other students, faculty, or staff for purposes unrelated to the College. Violations may lead to disciplinary action.

Contra Costa Medical Career College Library and Resource Center

Contra Costa Medical Career College has a Media Center on campus with computer stations and internet access as well as an array of books and resources. Students can also check out materials through the Administrative Assistant.

Students with Disabilities

Contra Costa Medical Career College complies with the Americans with Disabilities Act (ADA) of 1990 and Section 504 of the Federal Rehabilitation Act of 1973. Accordingly, qualified persons with disabilities may not, on the basis of that disability, be denied admission or subjected to discrimination in admission decisions. Further, no qualified student with a disability, on the basis of that disability, may be excluded from any academic, research, counseling, student finance program, or other post-secondary education program or activity that CCMCC provides to all students. Students or prospective students who want to read the complete Contra Costa Medical Career College Policy and Procedures, Services to Students with Disabilities, should request a copy from an Admissions advisor. Applications for accommodation for a disability may be sent to the Director of Education.

Student Records Policies

Transcripts and other documents received by Contra Costa Medical Career College for the purpose of admission or recording supplemental work become the property of Contra Costa Medical Career College and will not be released or copied without prior permission from the student. California regulatory agencies require that student records be kept for five years. All application materials and documents are collected in person or by mail. Original signatures must accompany forms where signatures are required. Photocopies of application paperwork are not acceptable. Records are stored in a lockable file room where only appropriate personnel have access. Student files may not be removed from campus grounds for any reason. Computerized records are secured by individual employee passwords that give them access to log into CCMCC's SharePoint for inactive scanned student records. In accordance with the Family Education Rights and Privacy Act (FERPA), all student information contained in the student's academic, administrative, financial aid and placement files is held in strict confidence. In the event that Contra Costa Medical Career College discontinues operation, Contra Costa Medical Career College will mail each student written confirmation of the College's intent to discontinue operations, information regarding the permanent storage of official transcripts, and two official copies of the student's transcript for future use. Students will also be advised on how to gain additional copies through the office: **Contra Costa Medical Career College** 4041 Lone Tree Way, Suite 101 Antioch, Ca. 94531 (925)757-2900 Fax (925)757-5873.

Transcript Requests

Students should direct requests for transcripts to the Registrar's office. Due to the requirements of the Family Educational Rights and Privacy Act of 1974, as amended, all requests for transcripts must be submitted in writing and include the student signature and either the student's date of birth or social security number. Contra Costa Medical Career College will not release transcripts without appropriate authorization from the student. The Education Office issues transcripts and other official documents only after students have settled all financial obligations to the College. All records and services are withheld from students who have outstanding financial obligations to the College. Transcripts contain only coursework completed at the College. The request takes 5-7 working days to process.

Student Record Retention

Enrollees are advised and cautioned that state law requires this educational institution to maintain College and student records onsite for a five-year period. Transcripts are maintained permanently. Student records are protected from unauthorized access. Requests for release of information by the student or from outside agencies must be made in writing. This ensures that only authorized individuals have access to information requested.

Family Educational Rights and Privacy Act of 1974 (FERPA)

Contra Costa Medical Career College maintains all student records in accordance with the provisions of FERPA as amended. FERPA affords students certain rights with respect to their education records. They are:

- The right to inspect and review the student's education records within forty-five (45) days of the day the College receives the request for access. Students should submit to the head of the academic department, or other appropriate official, written requests that identify the record(s) they wish to inspect.
- The 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, that official shall advise the student of the correct official to whom the request should be addressed. Student files may not be removed from campus grounds for any reason.
- The right to request an amendment of the student's education records that the student believes is inaccurate or misleading. They should write the College official responsible for the record, clearly identify the part of the record they want changed and specify why it is inaccurate or misleading. If the College decides not to amend the record as requested by the student, the College will notify the student of the decision and advise the student of his or her 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.
- The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent. One exception that permits disclosure without consent is disclosure to college officials with legitimate educational interests. A College official is a person employed by the College in an administrative, supervisory, academic, research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the College has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another College official in performing his or her tasks.
- A College official has a legitimate educational interest if the official acts in any of the following capacities: is performing a task that is specified in his or her position description or contract agreement, related to a student's education or to the discipline of a student: providing a service or benefit relating to the student or the student's family (e.g., counseling, job placement, financial aid, etc.); or maintaining the safety and security of the campus. Upon request, the College may disclose education records without a student's consent to officials of another school in which that student seeks or intends to enroll.

Student Complaint and Grievance Policies,

Discrimination or Harassment Complaints

Contra Costa Medical Career College is committed to maintaining a working and learning environment in which students, faculty, and staff can develop intellectually, professionally, personally, and socially. Such an atmosphere must be free of intimidation, fear, coercion, and reprisal. The College prohibits discrimination or harassment on the basis of race, ethnic or national origin, religion, age, sex, color, physical or mental disability, marital or veteran status under any program or activity offered under its control. In keeping with this commitment, the College also maintains a strict policy that prohibits sexual harassment, which includes harassment based on gender, pregnancy, childbirth, or related medical condition and inappropriate conduct of a sexual nature. This policy applies

regardless of the gender or sexual orientation of the complainant or the alleged harasser. It is College policy that all persons should enjoy freedom from unlawful discrimination of any kind, as well as from sexual harassment, or retaliation for reporting a complaint. This policy applies to prohibit unlawful discrimination or harassment between members of the College community, including between students and other students and between students and employees or third parties if the College has notice regarding or control over the third party. Individuals who engage in prohibited conduct will be subject to disciplinary action.

Grievance Procedures for Civil Rights Violations

Contra Costa Medical Career College encourages prompt reporting of complaints so that a rapid response can be made, and appropriate action taken. Note that reporting a complaint need not be limited to someone who was the target of discrimination or harassment. The following person is designated to coordinate Contra Costa Career College policies against discrimination: Contra Costa Career College, 4041 Lone Tree Way Suite 101 Antioch, Ca. 94531.

Hearing Procedures

The hearing committee consists of three members. The President/CEO of Contra Costa Medical Career College appoints two members from the faculty or administrative staff and the student selects one member from the faculty. The President/CEO of Contra Costa Medical Career College also designates the chairperson to conduct the proceedings and report the committee's decision. Members of hearing committees must be unbiased and must not have had direct involvement in the case prior to the hearing. Parties to the hearing are notified in writing of the hearing date, time, location, and procedures at least seven (7) business days before the hearing.

Hearing Rights

In disciplinary, administrative, grievance, and appeal hearings, parties have the following rights:

- To be present during the hearing
- To be informed of all the evidence received by the committee
- To present witnesses
- To challenge or rebut evidence or testimony presented by the opposing party
- To submit evidence on behalf of their own position.
- To make a summary argument and to respond to the argument of the opposing party
- To bring another person to the hearing as support or as a spokesperson

Hearing procedures include the following:

- A written or electronic record of the proceedings is maintained. The hearing is closed, and members of the committee will take reasonable precautions to ensure that the proceedings remain confidential, unless disclosure is required by law. A designated secretary will be present to record the minutes.
- The proceeding is not governed by formal rules of evidence or by trial-like procedures. The procedures are those used by reasonable people conducting a serious proceeding. The chairperson rules on all procedural questions.
- The chairperson reads the charges or complaints to the committee.
- Each side presents its case.
- Members of the committee have the right to question any of the parties or witnesses.
- Parties may be advised by legal counsel, but legal counsel may not be present during the hearing.
- The chairperson may terminate a party's right to address the committee if the party becomes abusive or persists in presenting irrelevant evidence or information.
- If either party fails to appear, the hearing will continue as if the absent party were present.
- After the hearing, the committee deliberates and renders a decision by a simple majority based on a preponderance of the evidence. If the committee decides to impose a penalty, it specifies the disciplinary action to be imposed.
- The President/CEO of Contra Costa Medical Career College sends written notification of the committee's decision and of the right to appeal.

Appellate Procedures

Students who believe they have been wrongfully or excessively penalized may appeal the hearing decision. Such an appeal must be requested in writing within 30 days of notification of the action and must be directed to the President/CEO. In order for the President/CEO to convene an appeals committee, the student must establish that there is sufficient cause for such an appeal. It is the responsibility of the student to submit a clear, coherent, written statement providing the basis for the appeal, including any supporting documentation. For an appeal to be granted, the student must present:

A reasonable possibility that the unfavorable decision was clearly wrong, given the hearing committee's interpretation of the evidence or in the disciplinary action imposed; and new evidence that was not available for presentation at the original hearing and which, if true, creates a reasonable probability of a different decision. In addition, a satisfactory explanation must be provided for the failure to present such evidence at the hearing. At the discretion of Contra Costa Medical Career College, any disciplinary action previously imposed may be suspended pending the disposition of the appeal. The president/CEO of Contra Costa Medical Career College will appoint a panel of three individuals from the faculty, administration, or both, and will designate one of them to conduct appeal proceedings. Members of the committee must not have had direct involvement in the case prior to the appellate hearing. A meeting time is arranged within 30 days of receiving the request for an appeal. All relevant information is then considered by the committee, including the record of the proceedings of the original hearing, written statements of the case, the testimony of any witnesses for each of the opposing parties, and any new evidence presented. The hearing procedures for the appeal will be identical to the procedures for the original hearing (see Hearing Procedures). The appeal committee's recommendation, including a description of the appeal and the rationale for its recommendation, is sent to the President/CEO of Contra Costa Medical Career College. Within 14 days of receiving the recommendation, the President/CEO will send written notification of his/her decision to the student. This decision is final. All documentation for all hearings will be kept on file. Disciplinary expulsions are noted on student transcripts. Probation and suspension are also noted on transcripts but only for the duration of the probation or suspension. Any retaliatory action of any kind by an employee or student at Contra Costa Medical Career College against any other employee or student at Contra Costa Medical Career College as a result of that person's seeking redress under these procedures, cooperating in an investigation, or other participation in these procedures is prohibited and will be regarded as the basis for disciplinary action.

Notice to Students

ACCET COMPLAINT PROCEDURE:

This institution is recognized by the Accrediting Council for Continuing Education & Training (ACCET) as meeting and maintaining certain standards of quality. It is the mutual goal of ACCET and the institution to ensure that educational training programs of quality are provided. When problems arise, students should make every attempt to find a fair and reasonable solution through the institution's internal complaint procedure, which is required of ACCET accredited institutions and frequently requires submission of written complaint. Refer to the institution's catalog or otherwise available from the institution, upon request. Note that ACCET will process complaints which involve ACCET standards and policies and, therefore, are within the scope of the accrediting agency.

In the event that a student has exercised the institution's formal student complaint procedure, and the problem(s) have not been resolved, the student has the right and is encouraged to take the following steps:

1. Complaints should be submitted in writing and mailed or emailed to the ACCET office. Complaints received by phone will be documented, but complainants will be requested to submit the complaint in writing.
2. The letter of complaint must contain the following:
 - a. Name and location of the ACCET institution;
 - b. A detailed description of the alleged problem(s);

- c. The approximate date(s) that the problem(s) occurred
 - d. The names and titles/positions of all individual(s) involved in the problem;
 - e. What was previously done to resolve the complaint, along with evidence demonstrating that the institution's complaint procedure was followed prior to contacting ACCET;
 - f. The name, email address, telephone number, and mailing address of the complainant. If the complainant specifically requests that anonymity be maintained, ACCET will not reveal his or her name to the institution involved; and
 - g. The status of the complainant with the institution (e.g., current student, former student, etc.)
 - h. The names and titles/positions of all individual(s) involved in the problem;
3. In addition to the letter of complaint, copies of any relevant supporting documentation should be forwarded to ACCET (e.g., student enrollment agreement, syllabus or course outline, correspondence between the student and the institution).

4. SEND TO: ACCET
CHAIR, COMPLAINT REVIEW COMMITTEE
1722 N STREET, NW
WASHINGTON, DC 20036
TELEPHONE: (202) 955-1113 WEBSITE: WWW.ACCET.ORG
FAX: (202) 955-1118 OR (202) 955-5306 EMAIL: COMPLAINT@ACCET.ORG

STUDENT COMPLAINT PROCEDURE:

Contra Costa Medical Career College does not expect its students to experience any serious problems while attending the College. However, if that circumstance does occur, the student should follow these procedures:

1. A student may lodge a complaint by communicating orally or in writing to any teacher, administrator, admissions personnel, or counselor. The person receiving the complaint must (1) transmit it immediately to the, who is the administrator overseeing student complaints, or if the Director is not available, then to the Student Services Coordinator and (2) attempt to resolve complaints related to that person's duties.
2. If a student orally delivers the complaint and the complaint is not resolved either within a reasonable period or before the student complains again about the same matter, the College will advise the student that a complaint must be submitted in writing and must provide the student with a written summary of the College's complaint procedure.
3. If a student complains in writing, the College will, within 10 days of receiving the complaint, provide the student with a written response, including a summary of the College's investigation and disposition of it. If the complaint or relief requested by the student is rejected, the reasons for the rejection will be given.
4. The student's participation in the complaint procedure and the disposition of a student's complaint does not limit or waive any of the student's rights or remedies. Any document signed by the student that purports to limit or waive the student's rights and remedies is void.
5. If the student feels that the College has not satisfactorily resolved the complaint, the student has the option of notifying either or both of the following agencies: (1) the State of California, Department of Consumer Affairs; or (2) the Bureau for Private Postsecondary and Education (BPPE)

BPPE COMPLAINT PROCEDURE:

Any questions 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 Department of Consumer Affairs at **1747 North Market Blvd., Suite 225 Sacramento, California 95834 or PO box 980818, West Sacramento,**

Ca. 95834-0818. Toll Free Number: (888) 370-7589 Telephone Number: (916) 574-8900 Fax Number: (916) 263-1897

A student or any member of the public may file a complaint about this institution with the Bureau for Private Postsecondary Education by calling 1 (888) 370-7589 or by completing a complaint form, which can be obtained on the bureau's Internet Web site www.bppe.ca.gov .

General College Policies-

Dress Code

- **Security ID Badge:** Identification badge is to be worn at all times above the waist, with name visible, the ID badge will allow access to the classrooms and labs. It will be deactivated at the end of the didactic portion.
- **Hair:** Should have a clean and neat appearance; hair that is shoulder length or longer will be pulled back. Hair should be natural in color. No green, blue, purple etc. Facial hair must be clean, neat, and well groomed.
- **Headwear:** Religious head covers may be worn; baseball-type caps are inappropriate.
- **Jewelry:** Should be appropriate to professional wear and not present a safety hazard when working with patients or equipment. Absolutely no piercings allowed: No lip, eyebrow, bar or tongue piercings will be permitted.
- **NO** denim attire, tank tops, halter tops, sweatshirts, low cut necklines, transparent garments, tops exposing bare midriff, back or chest.
- **Absolutely NO** sweatshirts or T-shirts with cartoons, graffiti, advertising, or offensive pictures.
- **Absolutely NO** smart watches allowed during class time.
- **Skirts/Dresses:** Uniform skirts, dresses or jumpers worn are to be clean, neat and allow for the performance of the job without restrictions. Mini dresses/skirts or long skirts that might interfere with safety are not acceptable.
- **Uniforms/Scrubs:** Uniforms can be any color, so long as they match and look professional. Scrubs are to fit appropriately, no sagging, and no extremely form-fitting uniforms are to be worn. No sweatpants, jogging pants, overalls, torn or patched pants, tight clothing (bike shorts, leotards, shorts, or leggings) no capri style scrub pants are to be worn.
Diagnostic Medical Sonography, Associate of Applied Science in Surgical Technology, Sterile Processing, Vocational Nurse, and Dental Assisting refer to the Student Handbook for specific required attire and dress code.
- **Footwear:** Clean, white, or predominately white leather or leather like tennis shoes will be worn. Nursing shoes are acceptable; however, no open toed shoes are allowed.
- **Grooming:** Fragrances: Do not wear any perfume or cologne, it may cause allergic reactions for some. Many people are also sensitive to smell.
- **Make-up/Eyelashes:** Make-up/Eyelashes must provide a natural and professional appearance.
- **Fingernails:** Nails must be clean and trimmed not to extend beyond the tips of the fingers. No artificial fingernails are allowed. Only clear nail polish will be permitted.
- **Tattoos:** All tattoos that are visible must be always covered.
- **Hygiene:** The College and its externship affiliations require high standards of personal grooming and hygiene which is **neat, clean, and professional**. Students are required to maintain an environment free of odors. Dirty, torn, or stained uniforms are not permitted.

Student Conduct and Discipline

Students are expected to conduct themselves in a responsible manner that reflects ethics, honor, and good citizenship. They are also expected to abide by the regulations of Contra Costa Medical Career College. It is the student's responsibility to maintain academic honesty and integrity and to manifest their commitment to the goals of Contra Costa Medical Career College through their conduct and behavior. Any form of academic dishonesty

or inappropriate conduct by students or applicants may result in penalties ranging from warning to dismissal, as deemed appropriate by Contra Costa Medical Career College. Students will be informed in writing of the nature of the charges against them and will be given a fair chance to refute the charges. There will be provisions for appeal of a decision.

Reasons for Probation, Suspension, and Dismissal of Students from programs

Students may be disciplined for violation of ANY of CCMCC's policies including but not limited to the following:

- Academic dishonesty
- Forgery, altering Contra Costa Medical Career College documents, or knowingly providing false information.
- • Disruption of the educational or administrative process Contra Costa Medical Career College, by acts or expression
- Physical abuse or threat of abuse to students, Contra Costa Medical Career College employees, or their families
- Verbal abuse or intimidation of students or Contra Costa Medical Career College employees or externship facilities including but not limited to shouting, use of profanity, or other displays of hostility.
- Theft of Contra Costa Medical Career College property or the property of a Contra Costa Medical Career College employee, student, or visitor
- Vandalism or unauthorized destruction of Contra Costa Medical Career College property or the property of an employee, student, or visitor
- Sale or knowing possession of illegal drugs or narcotics.
- Possession, use, or threats of use of explosives or deadly weapons on Contra Costa Medical Career College property
- Lewd, indecent, or obscene behavior on Contra Costa Medical Career College property or by any means of communication
- Sexual harassment, Sexual assault, Slander of CCMCC or any of its employees or affiliates
- Soliciting or assisting another in an act that would subject students to a serious Contra Costa Medical Career College sanction
- Trespassing in an area of Contra Costa Medical Career College where the student is not authorized to be, or failure to leave immediately an area when directed by an employee of Contra Costa Medical Career College
- Using Contra Costa Medical Career College equipment or networks to violate software copyrights.
- Violation of Contra Costa Medical Career College's visitor policy
- Violation of academic policies such as terms of probationary status (term action plan terms).
- Violation of any other lawful policy including HIPAA (Health Insurance Portability and Accountability) or directive of Contra Costa Medical Career College or its employees. Violation of HIPAA is grounds for immediate expulsion and may include jail time and/or monetary penalties up to \$30,000 if prosecuted.
- Any action that would grossly violate the purpose of Contra Costa Medical Career College or the rights of those who comprise College.
- Failure to follow any safety rules or regulations of any kind, including dress codes.
- Failure to follow other posted rules.
- Disciplinary action may include probation, suspension, or dismissal from Contra Costa Medical Career College.

Copyright Infringement Policy

Violating copyright infringement laws, including unauthorized use/distribution of any materials used for academic purposes at CCMCC will incur civil/criminal liabilities and will be prosecuted to the fullest extent of the law.

Visitors

No one may visit the classroom during class hours without the prior approval of the instructor. All visitors must sign in at the front desk and leave their ID in exchange for a security badge that will allow them access to the classroom. Students may not bring children to the classroom or computer lab or leave them at any other college location while attending class.

Cell Phone Policy

Cell phone use is not permitted during class time. Cell phones are to be turned off while instructors are lecturing. No texting during class is permitted under any circumstance. Family members may contact the school directly in case of emergency. Failure to comply with this policy is grounds for termination.

Animals on Campus

Animals, other than trained service animals for persons with disabilities, are not permitted in the college facility. Violations may result in disciplinary action.

Drug and Alcohol Policy

The “Drug-Free Schools and Communities Act Amendments of 1989” (Public Law 101–226) clearly stated the position which universities are expected to take with regard to drug and alcohol abuse. In support of the purpose of this legislation Contra Costa Medical Career College wishes to make known its concern for the health and well-being of all members of the College community—students, staff, and faculty—as well as the health and well-being of the community as a whole. **Contra Costa Medical Career College policy prohibits the unlawful possession, use, or distribution of illicit drugs and alcohol by students and employees on its property or as part of any of its activities.** Such prohibition specifically includes, without limitation:

- Possession or use of any controlled substance, including heroin, barbiturates, cocaine, LSD, hallucinogens, and marijuana. The sale of any controlled substance, which is in violation of local, state, or federal statutes.
- Giving alcohol to any person under the age of twenty-one (21) or the use of alcohol on campus, unless at a specifically authorized College activity. Any other conduct which involves a drug-related violation of local, state, or federal statutes is included in this prohibition.

Programs and Courses Offered at Contra Costa Medical Career College

Phlebotomy Technician 1 Course

Goals and Purpose: This is a **COURSE** intended for a-vocational purposes only. Upon successful completion of this course, the student will receive a certificate of completion from Contra Costa Medical Career College. Participants qualify for certification by examination for Phlebotomy Technician 1 offered by the National Healthcareer Association's (NHA) Certified Phlebotomy Technician Examination. After successful completion of the NHA examination, students will be eligible to apply to the DHS-LFS for California State Certification. Ca. state applicants must be 18 years of age, have a high school diploma or GED, have no felony convictions on their record and have passed an approved certification exam. This course is designed to help students meet all the criteria set forth by the state of California. CCMCC will provide, through didactic and practical instruction, training in venipuncture.

Pre-requisite for this course is: documentation of 1) health-care industry experience 2) understanding that this course is avocational in nature and intended for the purpose of continuing education and career advancement. ***State certification is a requirement for completion of this course. It takes up to 90 business days after successful completion of all course requirements to obtain California State Certification.**

Standard Occupational Classification

31-9097

Employment Positions

CPT 1, Phlebotomist, Phlebotomy Technician, Venipuncturist

Outcomes and Objectives:

At the end of the program the student will be able to:

- Explain basic anatomy and physiology of the circulatory system.
- Define “standard precautions” and apply these principles to all procedures.
- Practice the use of medical terminology relating to the circulatory system.
- List methods of client and specimen identification.
- Describe proper bedside manner.
- Prepare the client for venipuncture collection.
- Identify locations on the human body appropriate for venipuncture collection.
- List the different colors used to code blood specimens and what they stand for.
- Perform venipuncture by sterile needle and syringe, butterfly, or the vacuum method.
- Demonstrate how to dispense blood into tubes following syringe collection.
- Perform skin punctures to obtain capillary blood specimens.
- Outline post-puncture care of the client.
- Prepare blood specimens for the laboratory.
- List potential pre-analytical sources of specimen error
- Explain the potential risks and complications of the venipuncture procedure
- Describe the role of quality assurance in the practice of phlebotomy
- Discuss the scope of practice of the Certified Phlebotomy Technician
- Outline the process of application for State certification
- Complete 80 hours of practical training in a clinical setting
- Perform state specific number of venipuncture and capillary punctures in a clinical setting

Instructional Methods:

- Multimedia
- Demonstration and Practical skills Practice
- Small and Large Group Discussion
- Handouts
- 1 on 1 Instruction
- Instructor led lectures

Instructional Hours:

<u>Topic</u>	<u>Hours</u>
1. Infection Control and Safety Precautions	2
2. Anatomy and Physiology	2
3. Medical Terminology.....	1
4. Identification	1
5. Site Selection and Preparation	2
6. Blood Collection Equipment.....	4
7. Venipuncture.....	15
8. Skin Puncture	4
9. Post-Puncture Care.....	2
10. Error, Risks and Complications	2
11. Problem Solving	1
12. Communications, Stress, Behavior, Law, and Ethics	3
13. Quality Assurance.....	1
<u>14. Practical training in a clinical setting.....</u>	<u>80</u>
40 didactic, 80 Practical Training	Total Clock Hours –120
	Quarter Credit Hours- 7
<u>*Waiting period for California State Licensure.....up to 90 business days</u>	

Course Requirements

Immunization Requirements

Students must provide proof of immunity for the following before clinical:

1. **TDAP:** Adult dose within the last 10 years.
2. **MMR:** Laboratory documentation of immunity titer or documentation of two doses of MMR vaccine. (Some externship sites may require a titer)
3. **Hepatitis B:** Laboratory documentation of immunity or documentation of vaccine series, or signed declination (some externship sites may require a titer)
4. **PPD/TB:** You must have 1 negative skin test within the last year. If your result is positive, a chest x-ray report is required. Some facilities require a 2-step skin test.
5. **Varicella:** Laboratory documentation of immunity or documentation of two doses of Varicella vaccine. (Some externship sites may require a titer)
6. **Flu Vaccine** is required from September through March during externship for certain facilities
8. **COVID 19:** Documentation of vaccine or a signed waiver. (Some facilities may NOT accept waivers)

***All students must be BLS- for the healthcare provider, Certified**

A mandatory background check and drug screen are done at the time of registration.

Grade scale is as follows:

- 90 – 100% = A
- 80 – 89.9% = B
- 70 – 79.9% = C
- 60 – 69.9% = D
- Below 59.9 = F

The final course grade is based on theory grade and a “satisfactory” in student lab.

1. Theory grade is determined by:

6 lecture quizzes, 25 pts each (150 pts)	50%
Affective evaluations/Practical Skills check off	Must complete
Practical Skills Competency test	Pass/Fail
Final exam (150 pts)	<u>50%</u>
Total (300 pts)	100%

2. Practical Skills experience: Practical Skills evaluations are graded on a Pass, Fail basis.

Evaluation Method

Lecture (Didactic Training)- Lecture tests will consist of multiple choice and short answer questions. Lecture tests often cover assigned readings, group activities, lecture notes, workbook materials, and clinical lab notes. Tests are cumulative in that each test will contain questions from material covered in all previous lectures. A final exam will be given at the end of the course covering topics from all lectures.

Student Practical Training- Per the California Department of Health Services-Laboratory Field Services: **A training program must provide 40 hours of practical instruction in a clinical setting that provides access to patients whose blood is being tested by a clinical laboratory. The program must include:**

- Selection of blood collection equipment appropriate to test requisition
- Preparation of a patient and infection control
- Skin punctures for testing purposes from patients of varying ages, including pediatric and geriatric, and of varying health and obesity status
- Venipunctures from patients of varying ages, health, and obesity status
- Post-puncture care
- Processing of blood containers after collection, including centrifugation
- Proper disposal of needles, sharps, and medical waste
- Practical examination showing evidence of successful completion of the above curriculum
- In addition, the program must ensure that Certified Phlebotomy Technician 1 (CPT 1) students complete in at least 40 hours, a minimum of 10 skin punctures and 50 venipunctures, and observe arterial punctures.

In partnership with Contra Costa Community Outreach Clinic and Laboratory (CLIA# 05D2156917) CCMCC provides 80 hours of practical instruction in a clinical setting that provides access to patients whose blood is being tested by a licensed clinical laboratory.

- 40 hours of practical training in a clinical setting on real patients whose blood is being tested by a licensed clinical laboratory will be completed concurrently with didactic training under the direct supervision of practical training instructors. Successful completion of all skin punctures, venipunctures, and arterial observations **will count** toward the CDPH-LFS certification requirements.
- Students may request additional practice based on the availability of the instructor.
- Competency checklists will be maintained.

- 40 hours of practical training in a clinical setting on real patients will be completed **after** the successful completion of the **didactic training and the first 40 hours of practical training.**
- Students must successfully complete the 40 hours of practical training done concurrently with didactic training in order to proceed on to complete the remaining 40-hour practical training required for graduation of the CCMCC Phlebotomy Course.
- Practical Training sites and locations where each student will complete the last 40 hours of training will be arranged by the Career Services Coordinator at Contra Costa Medical Career College.
- Practical Training sites and locations will be given out no later than 45 days after the last day of the course, or from the date on which all required paperwork/documents have been received, whichever is later.
- Clinical hours after the didactic instruction are completed, will most likely be during the day, therefore students must be available during normal daytime working hours.

2025 Phlebotomy Technician 1 (CPT1) Certificate Course Fees

Total Fees, Charges, and Expenses

Application/Registration Fee	<u>\$200.00</u> (non-refundable)
Tuition	<u>\$2,500.00</u> (refundable)
STRF fee	<u>\$0.00</u> (non-refundable)
Total Amount Paid to school	<u>\$2,700.00</u>

Out-of-pocket expenses are approximate (not paid to the institution)

Textbook	<u>\$97.50</u> (refundable if unused)
Uniform/ shoes	<u>\$30.00</u> (non-refundable)
Drug screen	<u>\$150.00</u> (non-refundable)
Background check	<u>\$No fee</u>
State application fee	<u>\$100.00</u> (non-refundable) `
BLS	<u>\$85.00</u> (refundable)
NHA Certification Examination	<u>\$135.00</u> (non-refundable)
Total out-of-pocket expenses	<u>\$597.50</u>

Estimated schedule of total charges \$3,297.50

***This Course is approved for Veterans' training benefits.**

2024 Phlebotomy Technician 1 Certificate Course Schedule

Day course meets Monday through Thursday from 8:30 am-1:30 pm for 4 weeks

(May include some Fridays to make-up for holidays)

Day course Schedule 2024

- **Classes begin Monday, November 4th through Wednesday, November 27th**
 No class will be held Monday, November 11th in observance of Veterans Day-make up day Friday, November 15th
 No class will be held Thursday, November 28th in observance of Thanksgiving Day-make up day Friday, November 22nd

2025 Phlebotomy Technician 1 Certificate Course Schedule

**Day course meets Monday through Thursday from 8:30 am-1:30 pm for 4 weeks
(May include some Fridays to make-up for holidays)**

Day course Schedule 2025 8:30 am to 1:30 pm 4 weeks

Classes begin Monday, January 6 through Thursday, January 30

- No class will be held Monday, January 20 in observance of Martin Luther King Jr Day-make up day Friday, January 24

Classes begin Monday, February 3 through Friday, February 27

- No class will be held Monday, February 17 in observance of Presidents Day-make up day Friday, February 21

Classes begin Monday, March 3 through Thursday, March 27

Classes begin Monday, March 31 through Thursday, April 24

Classes begin Monday, April 28 through Thursday, May 22

Classes begin Tuesday, May 27 through Wednesday, June 18

- No class will be held Monday, May 26 in observance of Memorial Day-make up day Friday, May 30
- No class will be held Thursday, June 19 in observance of Memorial Day-make up day Friday, June 13

Classes begin Monday, June 23 through Thursday, July 17

Classes begin Monday, July 21 through Thursday, August 14

Classes begin Monday, August 18 through Thursday, September 11

- No class will be held Monday, September 1 in observance of Labor Day-make up day Friday, Sept. 5

Classes begin Monday, September 15 through Thursday, October 9

Classes begin Monday, October 13 through Thursday, November 6

Classes begin Monday, November 10 through Thursday, December 11

- No class will be held Tuesday, November 11 in observance of Veterans Day-make up day Friday, November 14
- No class will be held Thursday, November 27 in observance of Thanksgiving Day-make up day Friday, December 5

Day course meets Monday and Wednesday from 9:00 am-1:00 pm for 10 weeks.

(May include some Fridays to make up for holidays)

Day Course Schedule 2025

Classes begin Monday, January 6 through Wednesday, March 12

- No class will be held Monday, January 20 in observance of Martin Luther King Day-make up day Friday, January 24
- No class will be held Monday, February 17 in observance of Presidents Day-make up day Friday, February 21

Classes begin Monday, March 17 through Wednesday, May 21

Classes begin Wednesday, May 28 through Wednesday, July 30

- No class will be held Monday, May 26 in observance of Memorial Day-make up day Friday, May 30

Classes begin Monday, August 4 through Wednesday, October 8

- No class will be held Monday, September 1 in observance of Labor Day-make up day Friday, September 5

Classes begin Monday, October 13 through Wednesday, December 17

Mid-Day course meets Monday and Wednesday from 1:30 pm-5:30 pm for 10 weeks

(May include some Fridays to make-up for holidays)

Mid-Day course Schedule 2025

- **Classes begin Monday, January 6 through Wednesday, March 12**

- No class will be held Monday, January 20 in observance of Martin Luther King Day-make up day Friday, January 24
- No class will be held Monday, February 17 in observance of Presidents Day-make up day Friday, February 21
- **Classes begin Monday, March 17 through Wednesday, May 21**
- **Classes begin Wednesday, May 28 through Wednesday, July 30**
- No class will be held Monday, May 26 in observance of Memorial Day-make up day Friday, May 30
- **Classes begin Monday, August 4 through Wednesday, October 8**
- No class will be held Monday, September 1 in observance of Labor Day-make up day Friday, September 5
- **Classes begin Monday, October 13 through Wednesday, December 17**

**Evening course meets Monday and Wednesday from 6:00 pm-10:00 pm for 10 weeks
(May include some Fridays to make-up for holidays)**

Evening course Schedule 2025

Classes begin Monday, January 6 through Wednesday, March 12

- No class will be held Monday, January 20 in observance of Martin Luther King Day-make up day Friday, January 24
- No class will be held Monday, February 17 in observance of Presidents Day-make up day Friday, February 21

Classes begin Monday, March 17 through Wednesday, May 21

Classes begin Wednesday, May 28 through Wednesday, July 30

- No class will be held Monday, May 26 in observance of Memorial Day-make up day Friday, May 30

Classes begin Monday, August 4 through Wednesday, October 8

- No class will be held Monday, September 1 in observance of Labor Day-make up day Friday, September 5

Classes begin Monday, October 13 through Wednesday, December 17

Weekend course meets every Saturday and Sunday from 9:00 am-5:00 pm for 5 weeks

Weekend course Schedule 2024-2025 (weekends may not be consecutive)

Classes begin Saturday, October 26th through Sunday, December 8th

- No class will be held on November 9th and 10th in observance of Veterans Day
- No class will be held on November 30th and Dec. 1st in observance of Thanksgiving Day

Classes begin Saturday, January 25 through Sunday, March 2

- No class will be held on February 15 and 16 in observance of President's Day

Classes begin Saturday, April 12 through Sunday, June 1

- No class will be held April 19 and 20 in observance of Easter.
- No class will be held May 10 and 11 in observance of Mother's day

Classes begin Saturday, July 12 through Sunday, August 10

Classes begin Saturday, September 20 through Sunday, October 19

***State Certification is a REQUIREMENT for completion of this course. It takes up to 90 business days for the State of California to process applications after the application has been received. Contra Costa Medical Career College will assist you in completing all application requirements prior to submitting your application. California State Certification is REQUIRED for Phlebotomy Technician 1 in a laboratory setting employment in the state of California.**



E-Learning: Comprehensive Basic and Advanced On-line Phlebotomy

Goals and Purpose: Upon successful completion of these online courses, the student will receive a certificate of completion from Contra Costa Medical Career College Online. Participants qualify for certification by examination for Phlebotomy Technician 1 offered by the National Healthcareer Association's (NHA) Certified Phlebotomy Technician Examination. After successful completion of the NHA examination, students will be eligible to apply to the DHS-LFS for California State Certification. Ca. state applicants must be 18 years of age, have a high school diploma or GED, have no felony convictions on their record and have passed an approved certification exam. This program is designed to help students meet all the criteria set forth by the state of California. CCMCC online will provide, through online didactic instruction, training in venipuncture theory. Pre-requisite for this course is: 1) documented, paid experience drawing blood on real patients 2) understanding that this course is avocational in nature and intended for the purpose of continuing education and career advancement. ***State Certification is a requirement for employment as a phlebotomist in the state of California. It takes up to 90 business days after successful completion of all course requirements to obtain California State Certification.**

Standard Occupational Classification

31-9097

Employment Positions

CPT 1, Phlebotomist, Phlebotomy Technician, Venipuncturist

Outcomes and Objectives:

At the end of the program the student will be able to:

- Explain basic anatomy and physiology of the circulatory system.
- Define “standard precautions” and apply these principles to all procedures.
- Practice the use of medical terminology relating to the circulatory system.
- List methods of client and specimen identification.
- Describe proper bedside manner.
- Describe the preparation of the client for venipuncture collection.
- Identify locations on the human body appropriate for venipuncture collection.
- List the different colors used to code blood specimens and what they stand for.
- Outline the process of venipuncture by sterile needle and syringe, butterfly or the vacuum method.
- Describe how to dispense blood into tubes following syringe collection.
- Perform skin punctures to obtain capillary blood specimens.
- Describe post-puncture care of the client.
- Describe the preparation of blood specimens for the laboratory.
- List potential pre-analytical sources of specimen error
- Explain the potential risks and complications of the venipuncture procedure
- Describe the role of quality assurance in the practice of phlebotomy
- Discuss the scope of practice of the Certified Phlebotomy Technician
- Outline the process of application for State certification

Instructional Method:

- Online/E-learning
- Videos
- Interactive exercises
- Multiple choice and matching exercises
- Quizzes

Instructional hours: The E-learning courses are available online 24 hours a day 7 days a week.

Instructional Hours:

Comprehensive Basic Phlebotomy

<u>Topic</u>	<u>Hours</u>
1. Introduction to Phlebotomy and the Healthcare Setting	2
2. Basic Infection Control, Universal Precautions and Safety	2
3. Medical Terminology and Systems of the Human Body	2
4. Blood Components	2
5. The Circulatory System	2
6. Laboratory Sections	2
7. Blood Collection Equipment.....	2
8. Proper Patient/Specimen Identification	2
9. Skin Puncture Procedure.....	2
10. Venipuncture Procedure.....	2
Total Hours	20

Advanced Phlebotomy

<u>Topic</u>	<u>Hours</u>
1. Advanced Infectious Disease Control.....	2
2. Anti-coagulation Theory	2
3. Pre-analytical sources of error	2
4. Risk Factors and Complications	2
5. Anatomical site selection and Patient Preparation.....	2
6. Recognition of problems and corrective actions to take	2
7. Non-blood specimen	2
8. Communication in Phlebotomy	2
9. Quality Assurance.....	2
10. Legal and Ethical Issues related to blood collection.....	2
Total Hours	20

Grading

The numerical range for this course will be:

- 80-100 = Pass
- 79 and below = Fail

1. Students must take and pass all module quizzes with an 80% or higher to proceed to the next module. Students will be given unlimited opportunities to pass each module exam.

2. Students must take and pass the final exam with an 80% or greater and will be given 2 opportunities to do so. The student will be required to review the course content prior to taking the test a third time.

***State Certification is a REQUIREMENT for completion of this course. It takes up to 90 business days**

after successful completion of all didactic and clinical course requirements to obtain California State Certification.

Evaluation Method

Quizzes will consist of multiple-choice answer questions. Quizzes cover assigned interactive activities, videos, module content, and reading assignments. Tests are cumulative in that each test will contain questions from material covered in throughout the entire module. A final exam will be given at the end of the course.

Clinical Component There is no clinical component to the online course. Students are expected to have paid experience drawing blood on real patients prior to registering for this course online.

2025 Comprehensive Basic Phlebotomy Course Fees

Total Fees, Charges and Expenses

Application/Registration Fee	\$0.00(non-refundable)
Tuition	\$299.00 (refundable)
STRF fee	\$0.00 (non-refundable)
Total Amount Paid to school	\$299.00

Out of pocket expenses are approximate (not paid to the institution)

Textbook	\$65.00(non-refundable)
Total out of pocket expenses	\$65.00

Estimated schedule of total charges **\$364.00**

2025 Advanced Phlebotomy Course Fees

Total Fees, Charges and Expenses

Application/Registration Fee	\$0.00(non-refundable)
Tuition	\$399.00 (refundable)
STRF fee	\$0.00 (non-refundable)
Total Amount Paid to school	\$399.00

Out of pocket expenses are approximate (not paid to the institution)

Textbook	\$65.00(non-refundable)
State application fee	\$100.00(non-refundable)
NHA Certification Examination	\$135.00(non-refundable)
Total out of pocket expenses	\$300.00

Estimated schedule of total charges **\$699.00**

E-learning Phlebotomy Course Schedule

Online courses are available 24 hours a day 7 days a week at www.online.ccmcc.org

Clinical Medical Assisting Program

Goals and Purpose: This Clinical Medical Assisting Program focuses solely on the back-office procedures performed in the clinical setting of a physician's office or clinic. Medical Terminology and Basic Anatomy and Physiology will also be covered. Upon successful completion of this program, the student will receive a certificate of completion from Contra Costa Medical Career College. Participants qualify for certification by examination for Certified Clinical Medical Assisting offered by the National Healthcareer Association (NHA). This program is designed to provide thorough didactic, laboratory and practical instruction, a basic systems overview of the role of the procedures of the Clinical Medical Assistant in a practical setting only. There are no pre-requisites for this program.

Standard Occupational Classification

31-9092

Employment Positions

CMA, Clinical Medical Assistant, Back Office Medical Assistant, Chiropractic Assistant, Orthopedic Cast Specialist, Morgue Attendant

Outcomes and Objectives:

At the end of the program, the student will be able to:

- Identify parts of the human body.
- Describe the basic function of each body system.
- Utilize medical terminology in written and spoken communications.
- Describe composition of a patient record
- Define medical terminology found in patient records
- Define HIPAA
- Define medical conditions, diseases, and disorders commonly treated
- Perform the procedures for rooming a patient
- Obtain the vital signs of a patient including blood pressure, temperature, pulse, pulse ox and respirations
- Perform basic wound care
- Demonstrate proper positioning and draping for patient procedures
- Demonstrate first aid for disorders of the musculoskeletal system
- Demonstrate the collection of specimens
- Locate information regarding medications
- Take a medical history
- Demonstrate the administration of oral and injectable medications
- Instruct patient in preventative health practices
- Call in prescriptions
- Define medical abbreviations
- Assist physician with examinations
- Assist physician with Minor Office Surgery
- Define and demonstrate sterile technique
- Demonstrate minor specimen testing and recording of results.
- EKG/ECG skills training instruction
- Complete immunizations, BLS, drug screening and background check

- Use communication strategies associated with quality customer service
- Draft a resume that clearly communicates one’s value to an employer

Instructional Methods:

- Lecture
- Collaborative discussions
- Laboratory Skills Techniques
- Demonstration
- 1 on 1 Instruction
- Role-play
- Multimedia
- Group activities
- Independent Research
- Textbook
- Workbook

Instructional Hours:

<u>Topic</u>	<u>Hours</u>
1. The Medical Record.....	3
2. HIPAA and Legal Issues	2
3. Medical Asepsis and the OSHA Standard	2
4. Sterilization and Disinfection.....	2
5. Vital Signs.....	4
6. The Physical Exam.....	2
7. Eye and Ear Assessment and Procedures	2
8. Physical Agents to promote Tissue Healing	2
9. The Gynecological Exam and Pre-natal Care	2
10. The Pediatric Exam	5
11. Assisting with Minor Office Surgery.....	4
12. Cardiopulmonary Procedures (EKG).....	5
13. Administration of Medication (IM, SQ, ID)	5
14. Colon Procedures and Male Reproductive Health	4
15. Introduction to the Clinical Laboratory	4
16. Urinalysis	4
17. Phlebotomy	6
18. Hematology	2
19. Blood Chemistry & Serology.....	2
20. Medical Microbiology.....	4
21. Nutrition.....	2
22. Emergency Preparedness and Protective Practices.....	4
23. Emergency Medical Procedures.....	4
24. Resume writing & Interview techniques.....	4
25. Basic Anatomy & Physiology.....	20
26. Medical Terminology.....	20
27. Laboratory practice.....	40
28. Externship.....	160
120 didactic, 40 lab, 160 externship	Total Clock Hours -320
.....	Quarter Credit hours -19

Course Requirements

Immunization Requirements

Students must provide proof of the following before clinical/laboratory:

1. **TDAP:** Adult dose within the last 10 years.
2. **MMR:** Laboratory documentation of immunity titer or documentation of two doses of MMR vaccine. (Some externship sites may require a titer)
3. **Hepatitis B:** Laboratory documentation of immunity or documentation of vaccine series, or signed declination (some externship sites may require a titer)
4. **PPD/TB:** You must have 1 negative skin test within the last year. If your result is positive, a chest x-ray report is required. Some facilities require a 2-step skin test.
5. **Varicella:** Laboratory documentation of immunity or documentation of two doses of Varicella vaccine. (Some externship sites may require a titer)
6. **Flu Vaccine** is required from September through March during externship for certain facilities
8. **COVID 19:** Documentation of vaccine or a signed waiver. (Some facilities may NOT accept waivers)

***All students must be BLS- for the healthcare provider Certified**

A mandatory background check is done at the time of registration and a mandatory drug screen is completed on all students prior to starting externship/practical training.

Grade scale is as follows:

- 90 – 100% = A
80 – 89.9% = B
70 – 79.9% = C
60 – 69.9% = D
Below 59.9 = F

The final course grade is based on theory grade for both modules and a “satisfactory” in student lab. Both modules must be passed to pass program. In the case that terminology was already taken and passed; only core module will be considered in final grade.

Grading:

Theory grade is determined by:

Clinical Medical Assisting Core:

12 CMA lecture quizzes, 25 pts each (300 points).....	15%
Attendance, Participation, Employability (100 points).....	5%
CMA Homework, 20 assignments, 10 pts each (200points).....	10%
Skills Lab Competency testPass/Fail
CMA final exam 200 questions, 2 pts each(400 points).....	20%

Medical Terminology:

8 Terminology quizzes, 50 pts each(400 pts).....	20%
8 Terminology spelling tests, 25 pts each(200 pts).....	10%
8 Terminology homework assignments, 25 pts each (200 pts)	10%
<u>Terminology final exam(200 pts).....</u>	<u>10%</u>
Total(2000 pts)	100%

1. Clinical evaluations are graded on a Pass, Fail basis.
2. Homework assignments must be turned in on time to receive credit for assigned work.
3. Skills Lab Competency Exam is mandatory “PASS” to pass course.
4. Students **MUST PASS** with a 70% or higher to successfully complete the program and receive a Certificate of Completion.

Evaluation Method

Lecture- Lecture tests will consist of multiple choice and short answer questions. Lecture tests often cover assigned readings, group activities, lecture notes, workbook materials, and clinical lab notes. Tests are cumulative in that each test will contain questions from material covered in all previous lectures. A final exam will be given at the end of the course.

Student Lab- In the lab setting, the student will demonstrate knowledge of lecture components by simulating procedures in the presence of an instructor. Students may request additional lab practice based on the availability of the instructor. Competency checklists will be maintained. The student must satisfactorily complete the student lab component of the course to receive a passing didactic course grade.

Clinical Component will be after classroom instruction is completed. 160 hours of externship training must be completed. Externship locations will be given out no later than 45 days after the last day of the program, or from the date on which all required paperwork/documents have been received, whichever is later. Externship hours are most likely during the day; therefore, students must be available during normal daytime working hours.

2025 Clinical Medical Assisting Program Fees

Total Fees, Charges, and Expenses

Application/Registration Fee	<u>\$200.00</u> (non-refundable)
Tuition	<u>\$4,150.00</u> (refundable)
Textbook	<u>\$135.00</u> (refundable if unused)
STRF fee	<u>\$0.00</u> (non-refundable)
Total Amount Paid to School	<u>\$4,485.00</u>

Out of pocket expenses are approximate.

Textbook	<u>\$156.00</u> (refundable if unused)
Uniform/ shoes	<u>\$30.00</u> (non-refundable)
Drug Screen	<u>\$150.00</u> (non-refundable)
Background check	<u>\$No Fee</u>
BLS	<u>\$85.00</u> (refundable)
Total out of pocket expenses	<u>\$421.00</u>

Optional fee- upon program completion

NHA Certification Examination	<u>\$179.00</u> (non-refundable)
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Estimated schedule of total charges **\$5,085.00**

***This Program is approved for Veterans' training benefits.**

2025 Clinical Medical Assisting Program Schedule

Day program meets Monday through Thursday from 9:00am-1:00pm for 10 weeks

(May include some Fridays to make-up for Holidays)

Day program Schedule 2025

Classes begin Monday, January 6 through Thursday, March 13

- No class will be held Monday, January 20 in observance of Martin Luther King Day-make up day Friday, January 24
- No class will be held Monday, February 17 in observance of Presidents Day-make up day Friday, February 21

Classes begin Monday, March 17 through Thursday, May 22

Classes begin Tuesday, May 27 through Thursday, July 31

- No class will be held Monday, May 26 in observance of Memorial Day-make up day Friday, May 30
- No class will be held Thursday, June 19 in observance of Juneteenth-make up day Friday, June 13

Classes begin Monday, August 4 through Thursday, October 9

- No class will be held Monday, September 1 in observance of Labor Day-make up day Friday, Sept. 5

Classes begin Monday, October 13 through Thursday, December 18

- No class will be held Tuesday, November 11th in observance of Veterans Day-make up day Friday, November 14
- No class will be held Thursday, November 27 in observance of Thanksgiving Day-make up day Friday, December 5

Mid-day program meets Monday through Thursday from 1:30pm-5:30pm for 10 weeks

(May include some Fridays to make-up for Holidays)

Mid-day program Schedule 2025

- **Classes begin Monday, January 6 through Thursday, March 13**
- No class will be held Monday, January 20 in observance of Martin Luther King Day-make up day Friday, January 24
- No class will be held Monday, February 17 in observance of Presidents Day-make up day Friday, February 21
- **Classes begin Monday, March 17 through Thursday, May 22**
- **Classes begin Tuesday, May 27 through Thursday, July 31**
- No class will be held Monday, May 26 in observance of Memorial Day-make up day Friday, May 30
- No class will be held Thursday, June 19 in observance of Juneteenth-make up day Friday, June 13
- **Classes begin Monday, August 4 through Thursday, October 9**
- No class will be held Monday, September 1 in observance of Labor Day-make up day Friday, Sept. 5
- **Classes begin Monday, October 13 through Thursday, December 18**
- No class will be held Tuesday, November 11th in observance of Veterans Day-make up day Friday, November 14
- No class will be held Thursday, November 27 in observance of Thanksgiving Day-make up day Friday, December 5

Evening program meets Monday- Thursday from 6:00 pm-10:00 pm for 10 weeks

(May include some Fridays to make-up for Holidays)

Evening program Schedule 2025

- **Classes begin Monday, January 6 through Thursday, March 13**

- No class will be held Monday, January 20 in observance of Martin Luther King Day-make up day Friday, January 24
- No class will be held Monday, February 17 in observance of Presidents Day-make up day Friday, February 21
- **Classes begin Monday, March 17 through Thursday, May 22**
- **Classes begin Tuesday, May 27 through Thursday, July 31**
- No class will be held Monday, May 26 in observance of Memorial Day-make up day Friday, May 30
- No class will be held Thursday, June 19 in observance of Juneteenth-make up day Friday, June 13
- **Classes begin Monday, August 4 through Thursday, October 9**
- No class will be held Monday, September 1 in observance of Labor Day-make up day Friday, Sept. 5
- **Classes begin Monday, October 13 through Thursday, December 18**
- No class will be held Tuesday, November 11th in observance of Veterans Day-make up day Friday, November 14
- No class will be held Thursday, November 27 in observance of Thanksgiving Day-make up day Friday, December 5

**Day program meets Monday, Tuesday, Wednesday, and Friday from 9:00 am-1:00 pm for 10 weeks
(May include some Thursdays to make-up for Holidays)**

Day program Schedule 2025

- **Classes begin Monday, January 6 through Friday, March 14**
- No class will be held Monday, January 20 in observance of Martin Luther King Day-make up day Thursday, January 23
- No class will be held Monday, February 17 in observance of Presidents Day-make up day Thursday, February 20
- **Classes begin Monday, March 17 through Friday, May 23**
- **Classes begin Tuesday, May 27 through Friday, August 1**
- No class will be held Monday, May 26 in observance of Memorial Day-make up day Thursday, May 29
- No class will be held Friday, July 4 in observance of Juneteenth-make up day Thursday, July 3
- **Classes begin Monday, August 4 through Friday, October 10**
- No class will be held Monday, September 1 in observance of Labor Day-make up day Thurs., Sept.4
- **Classes begin Monday, October 13 through Friday, December 19**
- No class will be held Tuesday, November 11th in observance of Veterans Day-make up day Thursday, November 13
- No class will be held Friday, November 28 in observance of Thanksgiving Day-make up day Thursday, December 4

Weekend Program meets Saturdays from 9:00 am-5:00 pm for 20 weeks

Weekend (Saturday)program Schedule 2025 (weeks may not be consecutive)

Classes begin Saturday, January 4th, 2025 through Saturday, June 14th

- No class will be held Saturday, January 18th in observance of Martin Luther King Jr Day
- No class will be held Saturday, February 15th in observance of Presidents Day
- No class will be held Saturday, April 19th in observance of Easter Sunday
- No class will be held Saturday, May 24th in observance of Memorial Day

Classes begin Saturday, June 28 through Saturday, November 22

- No class will be held Saturday, July 5th in observance of Independence Day
- No class will be held Saturday, August 30 in observance of Labor Day



Medical Administrative Assistant/Billing and Coding Specialist Program

Goals and Purpose: Upon successful completion of program, the student will receive a certificate of completion from Contra Costa Medical Career College. Participants qualify for certification by examination for Medical Administrative Assistant and Certified Billing and Coding Specialist offered by the National Healthcareer Association (NHA). This program is designed to provide, thorough didactic and practical instruction, a basic systems overview of the role of the medical administrative assistant in an office setting. Didactic lectures cover telephone and computer skills, medical terminology, appointment scheduling, medical record handling, filing, transcription and general office etiquette. This program is also designed to introduce students to the major nationwide medical insurance programs, give students a basic knowledge of the national diagnostic and procedural coding systems and simplify the process of filing claim forms. There are no pre-requisites for this program.

Standard Occupational Classification

31-9092

Employment Positions

MAA, Billing and Coding Specialist, Biller, Coder, Front Office Medical Assistant

Outcomes and Objectives:

- After successful completion of this program the student will be able to:
- Identify parts of the human body
- Describe the basic function of each body system
- Utilize medical terminology in written and spoken communications
- Define medical terminology commonly found in the medical record
- Demonstrate in Electronic Medical Record how to:
 - Prepare and maintain the medical record
 - Prepare and maintain the appointment schedule
 - Compose and prepare medical correspondence
 - Claim processing
- Transcribe a dictated medical report
- Manage incoming and outgoing financial transactions for the medical practice
- Assist with office emergencies
- List and discuss the responsibilities of health insurance specialists
- Outline the confidentiality issues in the transmission of sensitive patient records via facsimile and the Internet
- Describe the authorization process for a patient requesting an appointment
- List the managed care models
- Apply the basic steps in coding outpatient procedures using ICD-10-CM, CPT, and HCPCS coding systems
- State the processing steps that must take place before a completed form can be sent to the insurance company
- Complete the following claims accurately:
 - Commercial fee-for-service
 - Blue Cross/Blue Shield
 - Medicare/Medicaid

- CHAMPVA/TRICARE
- Worker’s Compensation

Instructional Methods:

- Lecture
- Independent research
- Collaborative discussions
- Group activities
- Demonstration
- 1 on 1 instruction
- Role-play
- Multimedia
- Use of Technology
- Electronic Health Records software
- Textbook
- Workbook

Instructional Hours:

Topic.....	Hours
1. The Professional Medical Assistant & the Healthcare Team.....	3
2. HIPAA.....	3
3. Therapeutic Communication.....	3
4. Legal Principles.....	2
5. Healthcare Laws and Healthcare Ethics.....	2
6. Introduction to Anatomy and Medical Terminology.....	1
7. Patient Coaching.....	3
8. Technology.....	3
9. Written Communication.....	2
10. Telephone Techniques.....	3
11. Scheduling Appointments & Patient Processing.....	3
12. Health Records.....	4
13. Daily Operations and Safety.....	2
14. Principles of Pharmacology.....	3
15. Health Insurance Essentials.....	4
16. Diagnostic Coding Essentials.....	12
17. Procedural Coding Essentials.....	12
18. Medical Billing and Reimbursement Essentials.....	4
19. Patient Accounts and Practice Management.....	3
20. Advanced Roles in Administration.....	2
21. Medical Emergencies.....	3
22. Skills and Strategies.....	3
23. Anatomy & Physiology/Medical Terminology.....	40
24. Electronic Health Record Simulation.....	40
25. Externship.....	160
<u>120 didactic, 40 lab, 160 externship</u>	<u>Total Clock Hours -320</u>
.....	<u>Quarter Credit hours -19</u>

Course Requirements:

Immunization Requirements

Immunization Requirements

Students must provide proof of the following before clinical:

1. **TDAP:** Adult dose within the last 10 years.
2. **MMR:** Laboratory documentation of immunity titer or documentation of two doses of MMR vaccine. (Some externship sites may require a titer)
3. **Hepatitis B:** Laboratory documentation of immunity or documentation of vaccine series, or signed declination (some externship sites may require a titer)
4. **PPD/TB:** You must have 1 negative skin test within the last year. If your result is positive, a chest x-ray report is required. Some facilities require a 2-step skin test.
5. **Varicella:** Laboratory documentation of immunity or documentation of two doses of Varicella vaccine. (Some externship sites may require a titer)
6. **Flu Vaccine** is required from September through March during externship for certain facilities
8. **COVID 19:** Documentation of vaccine or a signed waiver. (Some facilities may NOT accept waivers)

***All students must be BLS- for the healthcare provider Certified**

A mandatory background check is done at the time of registration and a mandatory drug screen is completed on all students prior to starting externship/practical training.

Grade scale is as follows:

- 90 – 100% = A
80 – 89.9% = B
70 – 79.9% = C
60 – 69.9% = D
Below 59.9 = F

Grading:

The final course grade is based on theory grade for both modules. Both modules must be passed to pass program. In the case that terminology was already taken and passed; only core module will be considered in final grade.

Medical Administrative Assistant/Billing and Coding Specialist Core:

12 MAA lecture quizzes, 25 pts each (300 pts)	15%
Attendance, Participation, Employability(100 pts).....	5%
20 MAA homework assignments, 10 pts each(200 pts).....	10%
40 Computer Skills Lab assignments, 5 pts each(200 pts).....	10%
MAA final exam(200 pts).....	10%

Medical Terminology:

8 Terminology quizzes, 50 pts each(400 pts).....	20%
8 Terminology spelling tests, 25 pts each(200 pts).....	10%
8 Terminology homework assignments, 25 pts per assignment(200 pts)..	10%
<u>Terminology final exam(200 pts).....</u>	<u>10%</u>
Total(2000 pts)	100%

Evaluation Method

Lecture- Lecture quizzes will consist of multiple choice, short answer, and fill in the blank questions. Lecture quizzes often cover assigned readings, group activities, lecture notes, workbook materials, and computer lab notes. All homework assignments must be turned in to get credit for homework assigned. A final exam will be

given at the end of the course. An overall grade of 70% or higher is required to successfully complete the program.

Student Computer Lab- In the lab setting, the student will demonstrate knowledge of lecture components by simulating procedures in the presence of an instructor. Students may request additional computer lab practice based on availability of the instructor. The student must satisfactorily complete the student computer lab component of the course to receive a passing didactic course grade.

Clinical Component- will be after classroom instruction is completed. 160 hours of externship training must be completed. Externship locations will be given out no later than 45 days after the last day of the program, or from the date in which all required paperwork/documents have been received, whichever is later. Externship hours are most likely during the day therefore students must be available during normal daytime working hours.

2025 Medical Administrative Assistant/Billing and Coding Specialist Program Fees

Total Fees, Charges and Expenses

Application/Registration Fee	<u>\$200.00</u> (non-refundable)
Tuition	<u>\$4,150.00</u> (refundable)
Textbook	<u>\$135.00</u> (refundable if unused)
STRF fee	<u>\$0.00</u> (non-refundable)
Total Amount Paid to school	<u>\$4,485.00</u>

Out of pocket expenses are approximate (not paid to the institution)

Textbook	<u>\$202.50</u> (refundable if unused)
Uniform/ shoes	<u>\$30.00</u> (non-refundable)
Drug Screen	<u>\$150.00</u> (non-refundable)
Background check	<u>\$No fee</u>
BLS	<u>\$85.00</u> (refundable)
Total out of pocket expenses	<u>\$467.50</u>

Optional fee-upon program completion

NHA Certification Examinations	<u>\$198.00</u> (non-refundable)
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Estimated schedule of total charges **\$5,150.50**

***This Program is approved for Veterans' training benefits.**

2025 Medical Administrative Assistant/Billing and Coding Specialist Program Schedule

Day program meets Monday-Thursday from 9:00 am-1:00 pm for 10 weeks.

(May include some Fridays to make-up for Holidays)

Day program Schedule 2025

- **Classes begin Monday, January 6 through Thursday, March 13**
- No class will be held Monday, January 20 in observance of Martin Luther King Day-make up day Friday, January 24
- No class will be held Monday, February 17 in observance of Presidents Day-make up day Friday, February 21
- **Classes begin Monday, March 17 through Thursday, May 22**
- **Classes begin Tuesday, May 27 through Thursday, July 31**
- No class will be held Monday, May 26 in observance of Memorial Day-make up day Friday, May 30

- No class will be held Thursday, June 19 in observance of Juneteenth-make up day Friday, June 13
- **Classes begin Monday, August 4 through Thursday, October 9**
- No class will be held Monday, September 1 in observance of Labor Day-make up day Friday, Sept. 5
- **Classes begin Monday, October 13 through Thursday, December 18**
- No class will be held Tuesday, November 11th in observance of Veterans Day-make up day Friday, November 14
- No class will be held Thursday, November 27 in observance of Thanksgiving Day-make up day Friday, December 5

•
Mid-day program meets Monday through Thursday from 1:30 pm-5:30 pm for 10 weeks

(May include some Fridays to make-up for Holidays)

Mid-day program Schedule 2025

- **Classes begin Monday, January 6 through Thursday, March 13**
- No class will be held Monday, January 20 in observance of Martin Luther King Day-make up day Friday, January 24
- No class will be held Monday, February 17 in observance of Presidents Day-make up day Friday, February 21
- **Classes begin Monday, March 17 through Thursday, May 22**
- **Classes begin Tuesday, May 27 through Thursday, July 31**
- No class will be held Monday, May 26 in observance of Memorial Day-make up day Friday, May 30
- No class will be held Thursday, June 19 in observance of Juneteenth-make up day Friday, June 13
- **Classes begin Monday, August 4 through Thursday, October 9**
- No class will be held Monday, September 1 in observance of Labor Day-make up day Friday, Sept. 5
- **Classes begin Monday, October 13 through Thursday, December 18**
- No class will be held Tuesday, November 11th in observance of Veterans Day-make up day Friday, November 14
- No class will be held Thursday, November 27 in observance of Thanksgiving Day-make up day Friday, December 5

•
Evening program meets Monday- Thursday from 6:00 pm-10:00 pm for 10 weeks

(May include some Fridays to make-up for holidays)

Evening program Schedule 2025

- **Classes begin Monday, January 6 through Thursday, March 13**
- No class will be held Monday, January 20 in observance of Martin Luther King Day-make up day Friday, January 24
- No class will be held Monday, February 17 in observance of Presidents Day-make up day Friday, February 21
- **Classes begin Monday, March 17 through Thursday, May 22**
- **Classes begin Tuesday, May 27 through Thursday, July 31**
- No class will be held Monday, May 26 in observance of Memorial Day-make up day Friday, May 30
- No class will be held Thursday, June 19 in observance of Juneteenth-make up day Friday, June 13
- **Classes begin Monday, August 4 through Thursday, October 9**
- No class will be held Monday, September 1 in observance of Labor Day-make up day Friday, Sept. 5
- **Classes begin Monday, October 13 through Thursday, December 18**

- No class will be held Tuesday, November 11th in observance of Veterans Day-make up day Friday, November 14
 - No class will be held Thursday, November 27 in observance of Thanksgiving Day-make up day Friday, December 5
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Medical Assisting Program

Goals and Purpose: This Medical Assisting Program combines both the **Clinical and Medical Administrative/Billing and Coding programs into one comprehensive program.** Medical Terminology and basic Anatomy and Physiology will also be covered. Upon successful completion of this program, the student will receive a certificate of completion from Contra Costa Medical Career College. Participants qualify for certification by examination for Certified Clinical Medical Assisting as well as the Medical Administrative Assistant and Billing and Coding Specialist offered by the National Healthcareer Association (NHA). This program is designed to provide, thorough didactic, laboratory and practical instruction, a comprehensive overview of the role of the procedures of the Medical Assistant. There are no pre-requisites for this program.

Standard Occupational Classification

31-9092

Employment Positions

MA, Medical Assistant, CMA, MAA, Billing and Coding Specialist, Biller, Coder, Front Office Medical Assistant, Clinical Medical Assistant, Back Office Medical Assistant, Chiropractic Assistant, Orthopedic Cast Specialist, Morgue Attendant

Module 1- Medical Administrative Assistant/Billing and Coding Specialist

After successful completion of this program the student will be able to:

- Identify parts of the human body
- Describe the basic function of each body system
- Utilize medical terminology in written and spoken communications
- Define medical terminology commonly found in the medical record
- Demonstrate in Electronic Medical Record how to:
 - Prepare and maintain the medical record
 - Prepare and maintain the appointment schedule
 - Compose and prepare medical correspondence
 - Claim processing
- Transcribe a dictated medical report
- Manage incoming and outgoing financial transactions for the medical practice
- Assist with office emergencies
- List and discuss the responsibilities of health insurance specialists
- Outline the confidentiality issues in the transmission of sensitive patient records via facsimile and the Internet
- Describe the authorization process for a patient requesting an appointment
- List the managed care models
- Apply the basic steps in coding outpatient procedures using ICD-10-CM, CPT, and HCPCS coding systems
- State the processing steps that must take place before a completed form can be mailed to the insurance company
- Complete the following claims accurately:
 - Commercial fee-for-service
 - Blue Cross/Blue Shield
 - Medicare/Medicaid
 - CHAMPVA/TRICARE
 - Worker's Compensation

Module 2- Clinical Medical Assisting

Outcomes and Objectives:

At the end of the module, the student will be able to:

- Identify parts of the human body.
- Describe the basic function of each body system.
- Utilize medical terminology in written and spoken communications.
- Describe composition of a patient record
- Define medical terminology found in patient records
- Define HIPAA
- Define medical conditions, diseases, and disorders commonly treated
- Perform the procedures for rooming a patient
- Obtain the vital signs of a patient including blood pressure, temperature, pulse, pulse ox and respirations
- Perform basic wound care
- Demonstrate proper positioning and draping for patient procedures
- Demonstrate first aid for disorders of the musculoskeletal system
- Demonstrate the collection of specimens
- Locate information regarding medications
- Take a medical history
- Demonstrate the administration of oral and injectable medications
- Instruct patient in preventative health practices
- Call in prescriptions
- Define medical abbreviations
- Assist physician with examinations
- Assist physician with Minor Office Surgery
- Define and demonstrate sterile technique
- Demonstrate minor specimen testing and recording of results.
- EKG/ECG skills training instruction
- Complete immunizations, BLS, drug screening and background check
- Use communication strategies associated with quality customer service
- Draft a resume that clearly communicates one's value to an employer

Instructional Methods:

- Lecture
- Independent research
- Collaborative discussion
- Laboratory skills techniques
- Demonstration
- Return demonstration
- 1 on 1 Instruction
- Role-play
- Multimedia
- Use of computers

- Group activities
- Electronic Health Records software
- Textbook
- Workbook

Instructional Hours Module 1:

<u>Topic</u>	<u>Hours</u>
1. The Professional Medical Assistant & the Healthcare Team.....	3
2. HIPAA.....	3
3. Therapeutic Communication.....	3
4. Legal Principles.....	2
5. Healthcare Laws and Healthcare Ethics.....	2
6. Introduction to Anatomy and Medical Terminology.....	1
7. Patient Coaching.....	3
8. Technology.....	3
9. Written Communication.....	2
10. Telephone Techniques.....	3
11. Scheduling Appointments & Patient Processing.....	3
12. Health Records.....	4
13. Daily Operations and Safety.....	2
14. Principles of Pharmacology.....	3
15. Health Insurance Essentials.....	4
16. Diagnostic Coding Essentials.....	12
17. Procedural Coding Essentials.....	12
18. Medical Billing and Reimbursement Essentials.....	4
19. Patient Accounts and Practice Management.....	3
20. Advanced Roles in Administration.....	2
21. Medical Emergencies.....	3
22. Skills and Strategies.....	3
23. Anatomy & Physiology/Medical Terminology.....	40
24. Electronic Health Record Simulation.....	40
<u>120 didactic, 40 lab.....</u>	<u>Total Clock Hours -160</u>

Instructional Hours Module 2:

<u>Topic</u>	<u>Hours</u>
1. The Medical Record.....	3
2. HIPAA and Legal Issues	2
3. Medical Asepsis and the OSHA Standard	2
4. Sterilization and Disinfection.....	2
5. Vital Signs.....	4
6. The Physical Exam.....	2
7. Eye and Ear Assessment and Procedures	2
8. Physical Agents to promote Tissue Healing	2
9. The Gynecological Exam and Pre-natal Care	2
10. The Pediatric Exam	5
11. Assisting with Minor Office Surgery.....	4
12. Cardiopulmonary Procedures (EKG).....	5
13. Administration of Medication (IM, SQ, ID)	5
14. Colon Procedures and Male Reproductive Health	4
15. Introduction to the Clinical Laboratory	4

16. Urinalysis	4
17. Phlebotomy	6
18. Hematology	2
19. Blood Chemistry & Serology.....	2
20. Medical Microbiology.....	4
21. Nutrition.....	2
22. Emergency Medical Procedures.....	4
23. Emergency Preparedness and Protective Practices.....	4
24. Resume writing & Interview techniques.....	4
25. Laboratory practice.....	40
26. Externship.....	160
<u>200 didactic, 80 lab, 160 externship</u>	<u>Total Clock Hours -440</u>
.....	<u>Quarter Credit hours -29</u>

Program Requirements

Immunization Requirements

Students must provide proof of the following before clinical/laboratory:

1. **TDAP:** Adult dose within the last 10 years.
2. **MMR:** Laboratory documentation of immunity titer or documentation of two doses of MMR vaccine. (Some externship sites may require a titer)
3. **Hepatitis B:** Laboratory documentation of immunity or documentation of vaccine series, or signed declination (some externship sites may require a titer)
4. **PPD/TB:** You must have 1 negative skin test within the last year. If your result is positive, a chest x-ray report is required. Some facilities require a 2-step skin test.
5. **Varicella:** Laboratory documentation of immunity or documentation of two doses of Varicella vaccine. (Some externship sites may require a titer)
6. **Flu Vaccine** is required from September through March during externship for certain facilities
8. **COVID 19:** Documentation of vaccine or a signed waiver. (Some facilities may NOT accept waivers)

***All students must be BLS- for the healthcare provider Certified**

A mandatory background check is done at the time of registration and a mandatory drug screen is completed on all students prior to starting externship/practical training.

- 90 – 100% = A
- 80 – 89.9%= B
- 70 – 79.9%= C
- 60 – 69.9%= D
- Below 59.9 = F

Grading:

The final course grade is based on theory grade for both modules and a “satisfactory” in student lab. Both modules must be passed to pass program.

Module 1- Medical Administrative Assistant/Billing and Coding Specialist

12 MAA lecture quizzes, 25 pts each (300 pts).....	15%
Attendance, Participation, Employability(100 pts).....	5%
20 MAA homework assignments, 10 pts each(200 pts).....	10%
40 Computer Skills Lab assignments, 5 pts each(200 pts).....	10%
MAA final exam(200 pts).....	10%

Medical Terminology:

8 Terminology quizzes, 50 pts each(400 pts).....	20%
8 Terminology spelling tests, 25 pts each(200 pts).....	10%
8 Terminology homework assignments, 25 pts per assignment(200 pts)...	10%
<u>Terminology final exam(200 pts).....</u>	<u>10%</u>
Total (2000 points)	100%

Module 2-Clinical Medical Assisting

12 CMA lecture quizzes, 25 pts each (300 points).....	30%
Attendance, Participation, Employability (100 points).....	10%
CMA Homework, 20 assignments, 10 pts each (200points).....	20%
Skills Lab Competency test	Pass/Fail
<u>CMA final exam 200 questions, 2 pts each(400 points).....</u>	<u>40%</u>
Total (1000 points)	100%

1. Clinical evaluations are graded on a Pass, Fail basis.
2. Homework assignments must be turned in on time to receive credit for assigned work.
3. Skills Lab Competency Exam is mandatory “PASS” to pass course.
4. Students **MUST PASS each module** with a 70% or higher to successfully complete the program and receive a Certificate of Completion.

Evaluation Method

Lecture-Lecture tests will consist of multiple choice and short answer questions. Lecture tests often cover assigned readings, group activities, lecture notes, workbook materials, and clinical lab notes. Tests are cumulative in that each test will contain questions from material covered in all previous lectures. A final exam will be given at the end of each module. An overall grade of 70% or higher in each module is required in order to successfully complete the program.

Student Clinical Skills Lab- In the lab setting, the student will demonstrate knowledge of lecture components by simulating procedures in the presence of an instructor. Students may request additional lab practice based on availability of the instructor. Competency check lists will be maintained. The student must satisfactorily complete the student lab component of the course to receive a passing didactic course grade.

Student Computer Lab- In the lab setting, the student will demonstrate knowledge of lecture components by simulating procedures in the presence of an instructor. Students may request additional computer lab practice based on availability of the instructor. The student must satisfactorily complete the student computer lab component of the course to receive a passing didactic course grade.

Clinical Component-will be after classroom instruction is completed. 160 hours of externship training must be completed. Externship locations will be given out no later than 45 days after the last day of the program, or from the date in which all required paperwork/documents have been received, whichever is later. Externship hours are most likely during the day; therefore, students must be available during normal daytime working hours.

2025 Medical Assisting Program Fees

Total Fees, Charges and Expenses

Application/Registration Fee	<u>\$200.00</u> (non-refundable)
Tuition	<u>\$7,350.00</u> (refundable)
Textbook	<u>\$135.00</u> (refundable if unused)
STRF fee	<u>\$0.00</u> (non-refundable)
Total Amount Paid to school	<u>\$7,685.00</u>

Out of pocket expenses are approximate

Textbook	<u>\$388.50</u> (refundable if unused)
Uniform/shoes	<u>\$30.00</u> (non-refundable)
Drug screen	<u>\$150.00</u> (non-refundable)
Background check	<u>\$No fee</u>
BLS	<u>\$85.00</u> (refundable)
Total out of pocket expenses	<u>\$653.50</u>

Optional fee- upon program completion

NHA Certification Examination	<u>\$377.00</u> (non-refundable)
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Estimated schedule of total charges \$8,715.50

***This Program is approved for Veterans' training benefits.**

2025 Medical Assisting Program Schedule

Day program meets Monday through Thursday from 9:00 am-1:00 pm for 20 weeks

(May include some Fridays to make-up for Holidays)

Day program Schedule 2025

Classes begin Monday, January 6 ,2025 through Thursday, May 22, 2025

- No class will be held Monday, January 20 in observance of Martin Luther King Jr Day-make up day Friday, January 24
- No class will be held Monday, February 17 in observance of Presidents Day-make up day Friday, February 21

Classes begin Monday, March 17 through Thursday, July 31

- No class will be held Monday, May 26 in observance of Memorial Day-make up day Friday, May 30
- No class will be held Thursday, June 19 in observance of Juneteenth-make up day Friday, June 13

Classes begin Monday, May 27 through Thursday, October 9

- No class will be held Monday, May 26 in observance of Memorial Day-make up day Friday, May 30
- No class will be held Wednesday, June 19 in observance of Juneteenth-make up day Friday, June 13
- No class will be held Monday, September 1 in observance of Labor Day-make up day Friday, Sept. 5

Classes begin Monday, August 4 through Thursday, December 18

- No class will be held Monday, September 1 in observance of Labor Day-make up day Friday, Sept. 5
- No class will be held Tuesday, November 11 in observance of Veterans Day-make up day Friday, November 14
- No class will be held Thursday, November 27 in observance of Thanksgiving Day-make up day Friday, December 5

Classes begin Monday, October 13, 2025 through Thursday, March 12, 2026

- No class will be held Tuesday, November 11 in observance of Veterans Day-make up day Friday, November 14
- No class will be held Thursday, November 27 in observance of Thanksgiving-make up day Friday, December 5
- No class will be held Monday, December 22 through Thursday, January 2 in observance of Christmas and New Years
- No class will be held Monday, January 19, in observance of Martin Luther King Jr Day-make up day Friday, January 23
- No class will be held Monday, February 16, in observance of Presidents Day-make up day Friday, February 20

**Mid-day program meets Monday through Thursday from 1:30 pm-5:30 pm for 20 weeks
(May include some Fridays to make-up for Holidays)**

Mid-day program Schedule 2025

- **Classes begin Monday, January 6 ,2025 through Thursday, May 22, 2025**
- No class will be held Monday, January 20 in observance of Martin Luther King Jr Day-make up day Friday, January 24
- No class will be held Monday, February 17 in observance of Presidents Day-make up day Friday, February 21
- **Classes begin Monday, March 17 through Thursday, July 31**
- No class will be held Monday, May 26 in observance of Memorial Day-make up day Friday, May 30
- No class will be held Thursday, June 19 in observance of Juneteenth-make up day Friday, June 13
- **Classes begin Monday, May 27 through Thursday, October 9**
- No class will be held Monday, May 26 in observance of Memorial Day-make up day Friday, May 30
- No class will be held Wednesday, June 19 in observance of Juneteenth-make up day Friday, June 13
- No class will be held Monday, September 1 in observance of Labor Day-make up day Friday, Sept. 5
- **Classes begin Monday, August 4 through Thursday, December 18**
- No class will be held Monday, September 1 in observance of Labor Day-make up day Friday, Sept. 5
- No class will be held Tuesday, November 11 in observance of Veterans Day-make up day Friday, November 14
- No class will be held Thursday, November 27 in observance of Thanksgiving Day-make up day Friday, December 5
- **Classes begin Monday, October 13, 2025 through Thursday, March 12, 2026**
- No class will be held Tuesday, November 11 in observance of Veterans Day-make up day Friday, November 14
- No class will be held Thursday, November 27 in observance of Thanksgiving-make up day Friday, December 5
- No class will be held Monday, December 22 through Thursday, January 2 in observance of Christmas and New Years
- No class will be held Monday, January 19, in observance of Martin Luther King Jr Day-make up day Friday, January 23
- No class will be held Monday, February 16, in observance of Presidents Day-make up day Friday, February 20
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**Evening program meets Monday- Thursday from 6:00 pm-10:00 pm for 20 weeks
(May include some Fridays to make-up for Holidays)**

Evening program Schedule 2025

- **Classes begin Monday, January 6 through Thursday, May 22**
- No class will be held Monday, January 20 in observance of Martin Luther King Jr Day-make up day Friday, January 24
- No class will be held Monday, February 17 in observance of Presidents Day-make up day Friday, February 21
- **Classes begin Monday, March 17 through Thursday, July 31**
- No class will be held Monday, May 26 in observance of Memorial Day-make up day Friday, May 30
- No class will be held Thursday, June 19 in observance of Juneteenth-make up day Friday, June 13
- **Classes begin Monday, May 27 through Thursday, October 9**
- No class will be held Monday, May 26 in observance of Memorial Day-make up day Friday, May 30

- No class will be held Wednesday, June 19 in observance of Juneteenth-make up day Friday, June 13
- No class will be held Monday, September 1 in observance of Labor Day-make up day Friday, Sept. 5
- **Classes begin Monday, August 4 through Thursday, December 18**
- No class will be held Monday, September 1 in observance of Labor Day-make up day Friday, Sept. 5
- No class will be held Tuesday, November 11 in observance of Veterans Day-make up day Friday, November 14
- No class will be held Thursday, November 27 in observance of Thanksgiving Day-make up day Friday, December 5
- **Classes begin Monday, October 13, 2025 through Thursday, March 12, 2026**
- No class will be held Tuesday, November 11 in observance of Veterans Day-make up day Friday, November 14
- No class will be held Thursday, November 27 in observance of Thanksgiving-make up day Friday, December 5
- No class will be held Monday, December 22 through Thursday, January 2 in observance of Christmas and New Years
- No class will be held Monday, January 19, in observance of Martin Luther King Jr Day-make up day Friday, January 23
- No class will be held Monday, February 16, in observance of Presidents Day-make up day Friday, February 20
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Medical Assisting with Phlebotomy

Goals and Purpose: This Medical Assisting Program combines the Clinical and Medical Administrative/Billing and Coding, EKG/ECG Technician, and Phlebotomy Technician courses into one comprehensive program. Medical Terminology and basic Anatomy and Physiology will also be covered. Upon successful completion of this program, the student will receive a certificate of completion from Contra Costa Medical Career College. Participants qualify for certification by examination for Certified Clinical Medical Assisting, Medical Administrative Assistant and Billing and Coding Specialist, EKG/ECG Technician, and CPT 1 offered by the National Healthcareer Association (NHA). This program is designed to provide, thorough didactic, laboratory and practical instruction, a comprehensive overview of the role of the procedures of the Medical Assistant. After successful completion of the NHA examination, students will be eligible to apply to the DHS-LFS for California State Certification. Ca. state applicants must be 18 years of age, have a high school diploma or GED, have no felony convictions on their record and have passed an approved certification exam. This program is designed to help students meet all the criteria set forth by the state of California. CCMCC will provide, through didactic and clinical instruction, training in venipuncture.

Standard Occupational Classification

31-9092

Employment Positions

MA, Medical Assistant, CMA, MAA, Billing and Coding Specialist, Biller, Coder, Front Office Medical Assistant, CMA, Clinical Medical Assistant, Back Office Medical Assistant, Chiropractic Assistant, Orthopedic Cast Specialist, Morgue Attendant, CPT 1, Phlebotomist, Phlebotomy Technician, Venipuncturist

Outcomes and Objectives:

Module 1- Medical Administrative Assistant/Billing and Coding Specialist

After successful completion of this program the student will be able to:

- Identify parts of the human body
- Describe the basic function of each body system
- Utilize medical terminology in written and spoken communications
- Define medical terminology commonly found in the medical record
- Demonstrate in Electronic Medical Record how to:
 - Prepare and maintain the medical record
 - Prepare and maintain the appointment schedule
 - Compose and prepare medical correspondence
 - Claim processing
- Transcribe a dictated medical report
- Manage incoming and outgoing financial transactions for the medical practice
- Assist with office emergencies
- List and discuss the responsibilities of health insurance specialists
- Outline the confidentiality issues in the transmission of sensitive patient records via facsimile and the Internet
- Describe the authorization process for a patient requesting an appointment
- List the managed care models
- Apply the basic steps in coding outpatient procedures using ICD-10-CM, CPT, and HCPCS coding systems

- State the processing steps that must take place before a completed claim form can be sent to the insurance company
- Complete the following claims accurately:
 - Commercial fee-for-service
 - Blue Cross/Blue Shield
 - Medicare/Medicaid
 - CHAMPVA/TRICARE
 - Workers Compensation

Module 2- Clinical Medical Assistant

Outcomes and Objectives:

At the end of the module, the student will be able to:

- Identify parts of the human body.
- Describe the basic function of each body system.
- Utilize medical terminology in written and spoken communications.
- Describe composition of a patient record
- Define medical terminology found in patient records
- Define HIPAA
- Define medical conditions, diseases, and disorders commonly treated
- Perform the procedures for rooming a patient
- Obtain the vital signs of a patient including blood pressure, temperature, pulse, pulse ox and respirations
- Perform basic wound care
- Demonstrate proper positioning and draping for patient procedures
- Demonstrate first aid for disorders of the musculoskeletal system
- Demonstrate the collection of specimens
- Locate information regarding medications
- Take a medical history
- Demonstrate the administration of oral and injectable medications
- Instruct patient in preventative health practices
- Call in prescriptions
- Define medical abbreviations
- Assist physician with examinations
- Assist physician with Minor Office Surgery
- Define and demonstrate sterile technique
- Demonstrate minor specimen testing and recording of results.
- EKG/ECG skills training instruction
- Complete immunizations, BLS, drug screening and background check
- Use communication strategies associated with quality customer service
- Draft a resume that clearly communicates one's value to an employer

Module 3-EKG/ECG Technician/Phlebotomy Technician 1

Outcomes and Objectives:

At the end of the module, the student will be able to:

- Define the anatomy, physiology, and terminology of the coronary system.
- Describe the elements that cause, and the process that takes place allowing changes to be picked up by sensors on the skin and printed out as an EKG.
- Understand the necessity and placement of 12-Lead EKG.
- Demonstrate performance and interpretation of 12-Lead EKG.
- Demonstrate how to take a blood pressure reading.
- Demonstrate how to obtain pulse and respiration assessment.
- Identify and troubleshoot the different kinds of artifact.
- Calculate heart rate and differentiate between types of rhythm regularity.
- Identify and interpret a variety of rhythms.
- Identify signs and symptoms of a patient experiencing an abnormal cardiac event.
- State the criteria, interpretation and adverse effects of sinus and atrial rhythms.
- State the criteria, identification, and adverse effects of junctional and ventricular rhythms.
- State the criteria, identification, and adverse effects for each type of AV block.
- Understand EKG changes associated with myocardial infarction.
- Identify the function, indication, and components of a pacemaker.
- Describe examples and effects of digitalis, adenosine, and antiarrhythmic medication.
- Describe types of diagnostic electrocardiography and their role in testing to rule out disease.
- Describe indications, contradiction, and demonstration of Holter monitoring.
- Explain basic anatomy and physiology of the circulatory system.
- Define “standard precautions” and apply these principles to all procedures.
- Practice the use of medical terminology relating to the circulatory system.
- List methods of client and specimen identification.
- Describe proper bedside manner.
- Prepare the client for venipuncture collection.
- Identify locations on the human body appropriate for venipuncture collection.
- List the different colors used to code blood specimens and what they stand for.
- Perform venipuncture by sterile needle and syringe, butterfly or the vacuum method.
- Demonstrate how to dispense blood into tubes following syringe collection.
- Perform skin punctures to obtain capillary blood specimens.
- Outline post-puncture care of the client.
- Prepare blood specimens for the laboratory.
- List potential pre-analytical sources of specimen error
- Explain the potential risks and complications of the venipuncture procedure
- Describe the role of quality assurance in the practice of phlebotomy
- Discuss the scope of practice of the Certified Phlebotomy Technician
- Outline the process of application for State certification
- Complete 80 hours of practical training in a clinical setting

- Perform state specific number of venipuncture and capillary punctures in a clinical setting

Instructional Methods:

- Lecture
- Independent research
- Collaborative discussion
- Demonstration
- Return Demonstration
- 1 on 1 Instruction
- Role-play
- Multimedia
- Use of computers
- Group activities
- Practical training
- Electronic Health Records software
- Textbook
- Workbook

Instructional Hours Module 1:

<u>Topic</u>	<u>Hours</u>
1. The Professional Medical Assistant & the Healthcare Team.....	3
2. HIPAA.....	3
3. Therapeutic Communication.....	3
4. Legal Principles.....	2
5. Healthcare Laws and Healthcare Ethics.....	2
6. Introduction to Anatomy and Medical Terminology.....	1
7. Patient Coaching.....	3
8. Technology.....	3
9. Written Communication.....	2
10. Telephone Techniques.....	3
11. Scheduling Appointments & Patient Processing.....	3
12. Health Records.....	4
13. Daily Operations and Safety.....	2
14. Principles of Pharmacology.....	3
15. Health Insurance Essentials.....	4
16. Diagnostic Coding Essentials.....	12
17. Procedural Coding Essentials.....	12
18. Medical Billing and Reimbursement Essentials.....	4
19. Patient Accounts and Practice Management.....	3
20. Advanced Roles in Administration.....	2
21. Medical Emergencies.....	3
22. Skills and Strategies.....	3
23. Anatomy & Physiology/Medical Terminology.....	40
24. Electronic Health Record Simulation.....	40
120 didactic, 40 lab.....	Total Clock Hours 160

Instructional Hours Module 2:

<i>Topic</i>	<i>Hours</i>
1. The Medical Record.....	3
2. HIPAA and Legal Issues	2
3. Medical Asepsis and the Osha Standard	2
4. Sterilization and Disinfection.....	2
5. Vital Signs.....	4
6. The Physical Exam.....	2
7. Eye and Ear Assessment and Procedures	2
8. Physical Agents to promote Tissue Healing	2
9. The Gynecological Exam and Prenatal Care	2
10. The Pediatric Exam	5
11. Assisting with Minor Office Surgery.....	4
12. Cardiopulmonary Procedures (EKG).....	5
13. Administration of Medication (IM, SQ, ID)	5
14. Colon Procedures and Male Reproductive Health	4
15. Introduction to the Clinical Laboratory	4
16. Urinalysis	4
17. Phlebotomy	6
18. Hematology	2
29. Blood Chemistry & Serology.....	2
20. Medical Microbiology.....	4
21. Nutrition.....	2
22. Emergency Preparedness and Protective Practices	4
23. Emergency Medical Procedures.....	4
24. Resume writing & Interview techniques.....	4
25. Laboratory practice.....	40
80 didactic, 40 lab.....	Total Clock Hours 120

Instructional Hours Module 3:

<i>Topic</i>	<i>Hours</i>
1. HIPAA Compliance	2
2. Infection Control.....	4
3. Coronary Anatomy and Physiology.....	8
4. Electrophysiology	4
5. Lead Morphology and Placement	4
6. Technical Aspects of the EKG.....	2
7. Calculating Heart Rate.....	4
8. How to Interpret a Rhythm Strip	4
9. Rhythms Originating in the Sinus Node	4
10. Rhythms Originating in the Atrium	4
12. Rhythms Originating in the Ventricles	4
14. Rhythm Practice Strips	6
15. How to Interpret a 12-Lead EKG.....	2
16. Myocardial Infarction	2
17. Artificial Pacemakers.....	2
19. Cardiac Medications and Electrical Therapy	2
20. Diagnostic Electrocardiography.....	2
21. Electrocardiography Skills Practice	20

22. Infection Control and Safety Precautions	2
23. Anatomy and Physiology	2
24. Medical Terminology.....	1
25. Identification.....	1
26. Site Selection and Preparation	2
27. Blood Collection Equipment.....	4
28. Venipuncture.....	15
29. Skin Puncture	4
30. Post-Puncture Care.....	2
31. Error, Risks and Complications	2
32. Problem Solving	1
33. Communications, Stress, Behavior, Law and Ethics	3
34. Quality Assurance.....	1
<u>35. Clinical Practical Training</u>	<u>80</u>
300 didactic, 100 laboratory, 80 Clinical Practical Training, 160 Externship	
<u>Total Clock Hours – 640 Quarter Credit Hours- 43</u>	

Course Requirements:

Immunization Requirements

Students must provide proof of the following before clinical:

1. **TDAP:** Adult dose within the last 10 years.
2. **MMR:** Laboratory documentation of immunity titer or documentation of two doses of MMR vaccine. (Some externship sites may require a titer)
3. **Hepatitis B:** Laboratory documentation of immunity or documentation of vaccine series, or signed declination (some externship sites may require a titer)
4. **PPD/TB:** You must have 1 negative skin test within the last year. If your result is positive, a chest x-ray report is required. Some facilities require a 2-step skin test.
5. **Varicella:** Laboratory documentation of immunity or documentation of two doses of Varicella vaccine. (Some externship sites may require a titer)
6. **Flu Vaccine** is required from September through March during externship for certain facilities
8. **COVID 19:** Documentation of vaccine or a signed waiver. (Some facilities may NOT accept waivers)

***All students must be BLS- for the healthcare provider Certified**

A mandatory background check is done at the time of registration and a mandatory drug screen is completed on all students prior to starting externship/practical training.

Grade scale is as follows:

- 90 – 100% = A
- 80 – 89.9%= B
- 70 – 79.9%= C
- 60 – 69.9%= D
- Below 59.9 = F

Grading:

The final course grade is based on theory grade for all modules. All modules must be passed to pass program. In the case that terminology was already taken and passed; only core module will be considered in final grade.

1. Clinical evaluations are graded on a Pass, Fail basis.
2. Homework assignments must be turned in on time to receive credit for assigned work.
3. Practical Skills Competency Exam is mandatory “PASS” to pass course.

4. Students **MUST PASS each** module with a 70% or higher to successfully complete the program and receive a Certificate of Completion.

Module 1- Medical Administrative Assistant/Billing and Coding Specialist

Grading:

12 MAA lecture quizzes, 25 pts each (300 pts).....	15%
Attendance, Participation, Employability (100 pts).....	5%
20 MAA homework assignments, 10 pts each (200 pts).....	10%
40 Computer Skills Lab assignments, 5 pts each (200 pts).....	10%
MAA final exam (200 pts).....	10%

Medical Terminology:

8 Terminology quizzes, 50 pts each (400 pts).....	20%
8 Terminology spelling tests, 25 pts each (200 pts).....	10%
8 Terminology homework assignments, 25 pts per assignment (200 pts).....	10%
<u>Terminology final exam (200 pts).....</u>	<u>10%</u>
Total (2000 pts)	100%

Module 2-Clinical Medical Assisting Grading:

12 CMA lecture quizzes, 25 pts each (300 pts)	30%
Attendance, Participation, Employability (100 pts)	10%
CMA Homework, 20 assignments, 10 pts each (200pts)	20%
Skills Lab Competency test	Pass/Fail
<u>CMA Final 200 questions, 2 pts each (400 pts)</u>	<u>40%</u>
Total (1000 points)	100%

Module 3- Phlebotomy Technician and EKG/ECG Technician

Grading:

Phlebotomy:

6 lecture quizzes, 25 pts each (150 pts)	25%
Affective evaluations/Practical skills check-offs.....	Must complete
Practical skills Competency test.....	Pass/Fail
Final exam (150 points)	25%

EKG/ECG:

5 lecture quizzes, 30 pts each, lowest score dropped, (120 points)	20%
5 homework assignments, 12 pts each (60 pts)	10%
Affective evaluations/Lab checkoffs.....	Must Complete
Skills Lab Competency test.....	Pass/Fail
<u>Final Exam (120 pts)</u>	<u>20%</u>
Total (600 points)	100%

Evaluation Method

Lecture- Lecture tests will consist of multiple choice and short answer questions. Lecture tests often cover assigned readings, group activities, lecture notes, workbook materials, and clinical lab notes. Tests are cumulative in that each test will contain questions from material covered in all previous lectures. A final exam will be given at the end of each module.

Student Clinical Skills Lab- In the lab setting, the student will demonstrate knowledge of lecture components by simulating procedures in the presence of an instructor. Students may request additional lab practice based on availability of the instructor. Competency check lists will be maintained. The student must satisfactorily complete the student lab component of the course to receive a passing didactic course grade.

Student Computer Lab- In the lab setting, the student will demonstrate knowledge of lecture components by simulating procedures in the presence of an instructor. Students may request additional computer lab practice based on availability of the instructor. The student must satisfactorily complete the student computer lab component of the course to receive a passing didactic course grade.

Clinical Component Clinical Component will be after classroom instruction is completed. 160 hours of externship training must be completed. Externship locations will be given out no later than 45 days after the last day of the program, or from the date in which all required paperwork/documents have been received, whichever is later. Externship hours are most likely during the day; therefore, students must be available during normal daytime working hours.

Phlebotomy Technician- Student Practical Training: Per The California Department of Health Services- Laboratory Field Services:

A training program must provide 40 hours of practical instruction in a clinical setting that provides access to patients whose blood is being tested by a clinical laboratory. The program must include:

- Selection of blood collection equipment appropriate to test requisition
- Preparation of a patient and infection control
- Skin punctures for testing purposes from patients of varying ages, including pediatric and geriatric, and of varying health and obesity status
- Venipunctures from patients of varying ages, health, and obesity status
- Post-puncture care
- Processing of blood containers after collection, including centrifugation
- Proper disposal of needles, sharps, and medical waste
- Practical examination showing evidence of successful completion of the above curriculum
- In addition, the program must ensure that
- Certified Phlebotomy Technician I (CPT I) students complete in at least 40 hours, a minimum of 10 skin punctures and 50 venipunctures and observe arterial punctures.

In partnership with Contra Costa Community Outreach Clinic and Laboratory (CLIA# 05D2156917) CCMCC provides 80 hours of practical instruction in a clinical setting that provides access to patients whose blood is being tested by a licensed clinical laboratory.

- 40 hours of practical training in a clinical setting on real patients whose blood is being tested by a licensed clinical laboratory will be completed concurrently with didactic training under direct supervision of practical training instructors. Successful completion of all skin punctures, venipunctures and arterial observations **will count** toward the CDPH-LFS certification requirements.
- Students may request additional practice based on availability of the instructor.
- Competency check lists will be maintained.
- 40 hours of practical training in a clinical setting on real patients will be completed **after** successful completion of the **didactic training and the first 40 hours of practical training.**
- Students must successfully complete the 40 hours of practical training done concurrently with didactic training in order to proceed on to complete the remaining 40-hour practical training required for graduation of the CCMCC Phlebotomy Course.
- Practical Training sites and locations where each student will complete the last 40 hours of training will be arranged by the Career Services Coordinator at Contra Costa Medical Career College.
- Practical Training sites and locations will be given out no later than 30 days after the last day of the course, or from the date in which all required paperwork/documents have been received, whichever is later.

- Clinical hours after didactic instruction is completed, are most likely during the day, therefore students must be available during normal daytime working hours.

2025 Medical Assisting with Phlebotomy Program Fees

Total Fees, Charges and Expenses

Application/Registration Fee	<u>\$200.00</u> (non-refundable)
Tuition	<u>\$9,975.00</u> (refundable)
Textbook	<u>\$135.00</u> (refundable if unused)
STRF fee	<u>\$0.00</u> (non-refundable)
Total Amount Paid to school	<u>\$10,310.00</u>

Out of pocket expenses are approximate

Textbook	<u>\$527.00</u> (refundable if unused)
Uniform/shoes	<u>\$30.00</u> (non-refundable)
Drug screen	<u>\$150.00</u> (non-refundable)
Background check	<u>\$No fee</u>
BLS	<u>\$85.00</u> (refundable)
State application fee	<u>\$100.00</u> (non-refundable)
Total out of pocket expenses	<u>\$892.00</u>

Optional fee- upon program completion

NHA Certification Examination	<u>\$647.00</u> (non-refundable)
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Estimated schedule of total charges \$11,849.00

***This Program is approved for Veterans' training benefits.**

2025 Medical Assisting with Phlebotomy Program Schedule

Day program meets Monday through Thursday from 9:00 am-1:00 pm for 30 weeks

(May include some Fridays to make-up for Holidays)

Day program Schedule 2025

- **Classes begin Monday, January 6 through Thursday, July 31**
- No class will be held Monday, January 20 in observance of Martin Luther King Jr Day-make up day Friday, January 24
- No class will be held Monday, February 17 in observance of Presidents Day-make up day Friday, February 21
- No class will be held Monday, May 26 in observance of Memorial Day-make up day Friday, May 30
- No class will be held Thursday, June 19 in observance of Juneteenth-make up day Friday, June 13
- **Classes begin Monday, March 17 through Thursday, October 9**
- No class will be held Monday, May 26 in observance of Memorial Day-make up day Friday, May 30
- No class will be held Thursday, June 19 in observance of Juneteenth-make up day Friday, June 13
- No class will be held Monday, September 1 in observance of Labor Day-make up day Friday, Sept. 5
- **Classes begin Tuesday, May 27 through Thursday, December 18**
- No class will be held Monday, May 26 in observance of Memorial Day-make up day Friday, May 30
- No class will be held Thursday, June 19 in observance of Juneteenth-make up day Friday, June 13
- No class will be held Monday, September 1 in observance of Labor Day-make up day Friday, Sept. 5
- No class will be held Tuesday, November 11 in observance of Veterans Day-make up day Friday, November 14

- No class will be held Thursday, November 27 in observance of Thanksgiving Day-make up day Friday, December 5
- **Classes begin Monday, August 4 through Thursday, March 12, 2026**
- No class will be held Monday, September 1 in observance of Labor Day-make up day Friday, Sept. 5
- No class will be held Tuesday, November 11 in observance of Veterans Day-make up day Friday, November 14
- No class will be held Thursday, November 27 in observance of Thanksgiving Day-make up day Friday, December 5
- No class will be held Monday, December 22 through Thursday, January 2 in observance of Christmas and New Years
- No class will be held Monday, January 19, in observance of Martin Luther King Jr Day-make up day Friday, January 23
- No class will be held Monday, February 16, in observance of Presidents Day-make up day Friday, February 20
- **Classes begin Monday, October 13, 2025, through Thursday, May 21**
- No class will be held Tuesday, November 11 in observance of Veterans Day-make up day Friday, November 14
- No class will be held Thursday, November 27 in observance of Thanksgiving-make up day Friday, December 5
- No class will be held Monday, December 22 through Thursday, January 2 in observance of Christmas and New Years
- No class will be held Monday, January 19, in observance of Martin Luther King Jr Day-make up day Friday, January 23
- No class will be held Monday, February 16, in observance of Presidents Day-make up day Friday, February 20

**Mid-day program meets Monday through Thursday from 1:30 pm-5:30 pm for 30 weeks
(May include some Fridays to make-up for Holidays)**

Mid-day program Schedule 2025

- **Classes begin Monday, January 6 through Thursday, July 31**
- No class will be held Monday, January 20 in observance of Martin Luther King Jr Day-make up day Friday, January 24
- No class will be held Monday, February 17 in observance of Presidents Day-make up day Friday, February 21
- No class will be held Monday, May 26 in observance of Memorial Day-make up day Friday, May 30
- No class will be held Thursday, June 19 in observance of Juneteenth-make up day Friday, June 13
- **Classes begin Monday, March 17 through Thursday, October 9**
- No class will be held Monday, May 26 in observance of Memorial Day-make up day Friday, May 30
- No class will be held Thursday, June 19 in observance of Juneteenth-make up day Friday, June 13
- No class will be held Monday, September 1 in observance of Labor Day-make up day Friday, Sept. 5
- **Classes begin Tuesday, May 27 through Thursday, December 18**
- No class will be held Monday, May 26 in observance of Memorial Day-make up day Friday, May 30

- No class will be held Thursday, June 19 in observance of Juneteenth-make up day Friday, June 13
- No class will be held Monday, September 1 in observance of Labor Day-make up day Friday, Sept. 5
- No class will be held Tuesday, November 11 in observance of Veterans Day-make up day Friday, November 14
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- No class will be held Monday, January 19, in observance of Martin Luther King Jr Day-make up day Friday, January 23
- No class will be held Monday, February 16, in observance of Presidents Day-make up day Friday, February 20
- **Classes begin Monday, October 13, 2025, through Thursday, May 21**
- No class will be held Tuesday, November 11 in observance of Veterans Day-make up day Friday, November 14
- No class will be held Thursday, November 27 in observance of Thanksgiving-make up day Friday, December 5
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- No class will be held Monday, January 19, in observance of Martin Luther King Jr Day-make up day Friday, January 23
- No class will be held Monday, February 16, in observance of Presidents Day-make up day Friday, February 20
-

Evening program meets Monday- Thursday from 6:00 pm-10:00 pm for 30 weeks

(May include some Fridays to make-up for Holidays)

Evening program Schedule 2025

- **Classes begin Monday, January 6 through Thursday, July 31**
- No class will be held Monday, January 20 in observance of Martin Luther King Jr Day-make up day Friday, January 24
- No class will be held Monday, February 17 in observance of Presidents Day-make up day Friday, February 21
- No class will be held Monday, May 26 in observance of Memorial Day-make up day Friday, May 30
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- No class will be held Monday, January 19, in observance of Martin Luther King Jr Day-make up day Friday, January 23
- No class will be held Monday, February 16, in observance of Presidents Day-make up day Friday, February 20

EKG/ECG Technician Course

Goals and Purpose: Upon successful completion of this course, the student will receive a certificate of completion from Contra Costa Medical Career College. The course is designed to provide instruction in electrocardiography testing and interpretation procedures used in detecting heart disease and other cardiovascular disorders. The program covers the broad spectrum of electrocardiography, the art and science of EKG foundations and applications, the basic building blocks of knowledge including waves, complexes, lead morphology and rhythms; and the more complex topics including 12-lead EKGs, axis, hypertrophy, myocardial infarction and pacemakers. Participants qualify for certification by examination through the National Healthcareer Association (NHA). There are no pre-requisites for this course.

Standard Occupational Classification

29-2031

Employment Positions

EKG Technician, Cardiovascular Technologist, Cardiovascular Technician, Cardiac Catheterization Technologist

Outcomes and Objectives:

After successful completion of this program the student will be able to:

1. Define the anatomy, physiology, and terminology of the coronary system.
2. Describe the elements that cause, and the process that takes place allowing changes to be picked up by sensors on the skin and printed out as an EKG.
3. Understand the necessity and placement of 12-Lead EKG.
4. Demonstrate performance and interpretation of 12-Lead EKG.
5. Demonstrate how to take a blood pressure reading.
6. Demonstrate how to obtain pulse and respiration assessment.
7. Identify and troubleshoot the different kinds of artifact.
8. Calculate heart rate and differentiate between types of rhythm regularity.
9. Identify and interpret a variety of rhythms.
10. Identify signs and symptoms of a patient experiencing an abnormal cardiac event.
11. State the criteria, interpretation and adverse effects of sinus and atrial rhythms.
12. State the criteria, identification, and adverse effects of junctional and ventricular rhythms.
13. State the criteria, identification, and adverse effects for each type of AV block.
14. Understand EKG changes associated with myocardial infarction.
15. Identify the function, indication, and components of a pacemaker.
16. Describe examples and effects of digitalis, adenosine, and antiarrhythmic medication.
17. Describe types of diagnostic electrocardiography and their role in testing to rule out disease.
18. Describe indications, contradiction, and demonstration of Holter monitoring.

Instructional Units/Hours of Instruction:

<i>Topic</i>	<i>Hours</i>
1. HIPAA Compliance	2
2. Infection Control	4
3. Coronary Anatomy and Physiology	8
4. Electrophysiology	4
5. Lead Morphology and Placement	4
6. Technical Aspects of the EKG	2

7. Calculating Heart Rate.....	4
8. How to Interpret a Rhythm Strip	4
9. Rhythms Originating in the Sinus Node	4
10. Rhythms Originating in the Atrium	4
12. Rhythms Originating in the Ventricles	4
14. Rhythm Practice Strips	6
15. How to Interpret a 12-Lead EKG.....	2
16. Myocardial Infarction	2
17. Artificial Pacemakers.....	2
19. Cardiac Medications and Electrical Therapy	2
20. Diagnostic Electrocardiography.....	2
21. Electrocardiography Skills Practice.....	20
60 didactic, 20 laboratory hours..... Total Clock Hours – 80 Quarter Credit Hours-7	

Instructional Method:

- Lecture
- Demonstration
- Practical Laboratory
- Individualized Study
- Independent Research

Methods of Evaluation:

- Quizzes
- Exams
- Exercises
- Observation
- Self -Evaluation

Course Requirements:

Grade scale is as follows:

- 90 – 100% = A
- 80 – 89.9%= B
- 70 – 79.9%= C
- 60 – 69.9%= D
- Below 59.9 = F

The final course grade is based on theory grade and a “satisfactory” in student lab.

1. Theory grade is determined by:

5 lecture quizzes, 30 pts each, lowest score dropped (120 points).....	40%
5 homework assignments, 12 pts each (60 points).....	20%
Affective evaluations/Lab checkoffs.....	Must complete
Skills Lab Competency test.....	Pass /Fail
<u>Final exam (120 pts).....</u>	<u>40%</u>
Total (300 pts)	100%

2. Laboratory experience: Clinical evaluations are graded on a Pass, Fail basis.

Evaluation Method

Lecture- Lecture quizzes will consist of multiple choice and short answer questions. Lecture quizzes often cover assigned readings, group activities, lecture notes, workbook materials, and clinical lab notes. A final exam will be given at the end of the course.

Student Lab- In the lab setting, the student will demonstrate knowledge of lecture components by simulating procedures in the presence of an instructor. Students may request additional lab practice based on availability of the instructor. Competency check lists will be maintained. The student must satisfactorily complete the student lab component of the course to receive a passing didactic course grade.

2025 EKG/ECG Technician Course Fees

Total Fees, Charges and Expenses

Application/Registration Fee	<u>\$200.00</u> (non-refundable)
Tuition	<u>\$2,625.00</u> (refundable)
STRF fee	<u>\$0.00</u> (non-refundable)
Total Amount Paid to school	<u>\$2,825.00</u>

Out of pocket expenses are approximate (not paid to the institution)

Textbook	<u>\$87.50</u> (refundable if unused)
Uniform/ shoes	<u>\$30.00</u> (non-refundable)
Total out of pocket expenses	<u>\$117.50</u>

Optional fee-upon program completion

NHA Certification Examination	<u>\$135.00</u> (non-refundable)
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Estimated schedule of total charges **\$3,077.50**

***This Course has NOT been approved for Veteran's training benefits.**

2025 EKG/ECG Technician Course Schedule

Morning courses meet on Tuesdays and Thursdays from 9:00 am-1:00 pm for 10 weeks

Morning course Schedule -2025

- **Classes begin Tuesday, January 7 through Thursday, March 13**
- **Classes begin Tuesday, March 18 through Thursday, May 22**
- **Classes begin Tuesday, May 27 through Thursday, July 31**
- No class will be held Thursday, June 19 in observance of Juneteenth-make up day Friday, June 13
- **Classes begin Tuesday, August 5 through Thursday, October 9**
- **Classes begin Tuesday October 14 through Thursday, December 18**
- No class will be held Tuesday, November 11th in observance of Veterans Day-make up day Friday, November 14
- No class will be held Thursday, November 27 in observance of Thanksgiving Day-make up day Friday, December 5

Midday courses meet on Tuesdays and Thursdays from 1:30 pm-5:30 pm for 10 weeks

Afternoon course Schedule 2025

- **Classes begin Tuesday, January 7 through Thursday, March 13**

- **Classes begin Tuesday, March 18 through Thursday, May 22**
- **Classes begin Tuesday, May 27 through Thursday, July 31**
- No class will be held Thursday, June 19 in observance of Juneteenth-make up day Friday, June 13
- **Classes begin Tuesday, August 5 through Thursday, October 9**
- **Classes begin Tuesday October 14 through Thursday, December 18**
- No class will be held Tuesday, November 11th in observance of Veterans Day-make up day Friday, November 14
- No class will be held Thursday, November 27 in observance of Thanksgiving Day-make up day Friday, December 5
-

Evening courses meet on Tuesdays and Thursdays from 6:00 pm-10:00 pm for 10 weeks

Evening course Schedule 2025

- **Classes begin Tuesday, January 7 through Thursday, March 13**
- **Classes begin Tuesday, March 18 through Thursday, May 22**
- **Classes begin Tuesday, May 27 through Thursday, July 31**
- No class will be held Thursday, June 19 in observance of Juneteenth-make up day Friday, June 13
- **Classes begin Tuesday, August 5 through Thursday, October 9**
- **Classes begin Tuesday October 14 through Thursday, December 18**
- No class will be held Tuesday, November 11th in observance of Veterans Day-make up day Friday, November 14
- No class will be held Thursday, November 27 in observance of Thanksgiving Day-make up day Friday, December 5



Associate of Applied Science in Surgical Technology

Goals and Purpose:

The Contra Costa Medical Career College AAS in Surgical Technology Program is committed to providing an environment that facilitates student success in acquiring the theory and technical skills pertinent to a professional surgical technologist. Upon successful completion of the AAS Surgical Technology Program, the student will receive an Associate of Applied Science in Surgical Technology from Contra Costa Medical Career College.

Standard Occupational Classification:

29-2055

Employment Positions:

Surgical Technologist, Surgical Scrub Technologist, Operating Room Technician, Certified Surgical Technologist, Scrub Technician

Outcomes and Objectives:

After successful completion of this program the student will be able to:

- Demonstrate the knowledge and skills to monitor assess and provide for the needs of the patient and the surgical team intra-operatively.
- Demonstrate the knowledge and skills to provide a safe Perioperative environment.
- Demonstrate a thorough knowledge of aseptic technique and principles.
- Demonstrate competency in the use of instrumentation and equipment used intra-operatively.
- Demonstrate a professional attitude in interactions with other members of the health care team and patients.
- Demonstrate knowledge of basic anatomy and physiology and pathophysiology as it relates to general surgical procedures and commonly performed specialty procedures.
- Integrate the surgical technology knowledge base in cognitive, affective and psychomotor domains; demonstrate skills following established criteria, protocols and objectives in the cognitive, affective and psychomotor domains
- Function safely, effectively and efficiently and exhibit ethical behavior in a surgical technologist role
- Describe actions and uses of anesthetic and pharmacological agents in the care of surgical patients
- Apply knowledge of interpersonal skills and communications relative to procedures and protocols from a surgical technologist's perspective when working with patients, patients' significant others, colleagues and other members of a healthcare team, as well as other members of the community

Instructional Methods:

- Online
- Lecture
- Field Trips
- Independent research
- Small group discussions
- Group activities
- Large group discussions
- Demonstration
- Practical Laboratory

- Simulation
- 1 on 1 instruction
- Role-play
- Multimedia
- Use of computers
- Independent activities
- Textbooks
- Workbooks

**ASSOCIATE OF APPLIED SCIENCE IN SURGICAL TECHNOLOGY –
PROGRAM LENGTH AND CREDIT**

COURSE #	COURSE	CLOCK HOURS	CREDIT HOURS
PSY 100	Psychology	48.00	4.5
NUTRI 100	Nutrition	48.00	4.5
MT 100	Medical Terminology	48.00	4.5
ST.1	Surgical Technology Orientation	2.00	0
ST.2	Anatomy & Physiology 1	37.80	3.5
ST.3	Anatomy & Physiology 2	65.80	6.5
ST.4	Anatomy & Physiology 3	72.80	7.0
ST.5	Anatomy & Physiology 4	58.80	5.5
ST.6	Microbiology	16.80	1.5
ST.7	Professional Practice	51.80	5.0
ST.8	Patient Care Concepts	16.80	1.0
ST.9	Surgical Techniques 1	72.80	5.5
ST.10	Surgical Techniques 2	86.80	6.5
ST.11	Pharmacology & Anesthesia	37.80	2.5
ST.12	Technological Sciences	31.50	2.0
ST.13	Surgical Procedures 1	66.50	5.0
ST.14	Surgical Procedures 2	87.50	6.5
ST.15	Surgical Procedures 3	94.50	7.5
ENG 100	English Composition	48.00	4.5
ENG 101	Oral Communication	48.00	4.5
MA 100	Basic College Mathematics	48.00	4.5
ST.16	Externship	560.00	18.5
Totals		1648.00	111.00

Course Descriptions:

PSY 100 Psychology (General Education Course)

Clock Hours: 48 Lecture

Quarter Credit Hours: 4.5

Prerequisites: None

This course presents a survey of the field of general psychology and a study of the native and acquired controls of human behavior, with emphasis on the mental process and the development of personality.

NUTRI 100 Nutrition (General Education Course)

Clock Hours: 48 Lecture

Quarter Credit Hours: 4.5

Prerequisites: None

This course covers the basic principles of human nutrition and their relationship to health and wellness including energy in nutrition; main nutrients; vitamins, minerals and water; digestion; changing nutritional needs through life's stages; and connections between food and sustainability. This foundation class is designed for people interested in careers related to health and fitness and various aspects of food, and for anyone curious or concerned about nutrition.

MT 100 Medical Terminology (General Education Course)

Clock Hours: 48 Lecture

Quarter Credit Hours: 4.5

Prerequisites: None

This course is a survey of the terminology used routinely in the medical environment. It will begin with learning the root words used in constructing medical terms and integrate commonly used medical acronyms and abbreviations. The information will be presented according to anatomical systems. The student will be responsible for knowing the written and auditory recognition of the terminology reviewed.

ST.1 Orientation

Clock Hours: 2 Lecture

Quarter Credit Hours: 0

Prerequisites: PSY 100, NUTRI 100, MT 100

This preliminary course will introduce the policies and procedures of Contra Costa Medical Career College and the AAS Surgical Technology Program. The student will be provided with information regarding requirements and materials required to successfully complete the AAS Surgical Technology Program. It is designed to increase students' persistence and success in college by providing them with the academic, personal, and life management tools needed to function effectively and complete their course of study.

ST.2 Anatomy & Physiology 1

Clock Hours: 37.80 Lecture

Quarter Credit Hours: 3.5

Prerequisites: PSY 100, NUTRI 100, MT 100, ST.1

During this course the student will be introduced to the structure and function of the human body. The student will study the anatomy and physiology of the integumentary system and the skeletal system in which structural information and important functional concepts will be identified and discussed.

ST.3 Anatomy & Physiology 2

Clock Hours: 65.80 Lecture

Quarter Credit Hours: 6.5

Prerequisites: PSY 100, NUTRI 100, MT 100, ST.1, ST.2

During this course the student will study the anatomy and physiology of the muscular system, nervous system, and endocrine system in which structural information and important functional concepts will be identified and discussed.

ST.4 Anatomy & Physiology 3

Clock Hours: 72.80 Lecture

Quarter Credit Hours: 7.0

Prerequisites: PSY 100, NUTRI 100, MT 100, ST.1, ST.2, ST.3

During this course the student will study the anatomy and physiology of blood, the cardiovascular system, the lymphatic system and immunity, and the respiratory system in which structural information and important functional concepts will be identified and discussed.

ST.5 Anatomy & Physiology 4

Clock Hours: 58.80 Lecture

Quarter Credit Hours: 5.5

Prerequisites: PSY 100, NUTRI 100, MT 100, ST.1, ST.2, ST.3, ST.4

During this course the student will study the anatomy and physiology of the digestive system, urinary system, and reproductive systems in which structural information and important functional concepts will be identified and discussed.

ST.6 Microbiology

Clock Hours: 16.80 Lecture

Quarter Credit Hours: 1.5

Prerequisites: PSY 100, NUTRI 100, MT 100, ST.1, ST.2, ST.3, ST.4, ST.5

This introductory course provides students with an overview of microbes and process of infection. The student will be taught classification of organisms as well as cell theory. In addition, the student will learn about the tools for identifying microbes, the process of infection, disease prevention, immunity, and obtain knowledge of microorganisms and the diseases they cause.

ST.7 Professional Practices

Clock Hours: 51.80 Lecture

Quarter Credit Hours: 5.0

Prerequisites: PSY 100, NUTRI 100, MT 100, ST.1, ST.2, ST.3, ST.4, ST.5, ST.6

This course introduces professional management and employability skills that are necessary for the surgical technology profession. It elaborates on the importance of communication and teamwork while pointing out the ethical, moral, and legal issues involved in caring for patients. Recommended practices and legal elements of proper documentation are identified, and positive risk management techniques are taught. This course also explains healthcare facility organization and management in detail. Additionally, the physical environment of the healthcare facility is described, and hazard preparation is discussed.

ST.8 Patient Care Concepts

Clock Hours: 9.80 Lecture 7.0 Lab

Quarter Credit Hours: 1.0

Prerequisites: PSY 100, NUTRI 100, MT 100, ST.1, ST.2, ST.3, ST.4, ST.5, ST.6, ST.7

During this course the student will be taught to directly contribute to the patient's physical and psychosocial well-being by utilizing patient-centered care which encompasses therapeutic care, communication, and intervention specific to the unique needs of the patient. The student will also study and explore death and dying focusing on the social, personal, ethical, legal, and medical perspectives specifically.

ST.9 Surgical Techniques 1

Clock Hours: 37.80 Lecture 35.00 Lab

Quarter Credit Hours: 5.5

Prerequisites: PSY 100, NUTRI 100, MT 100, ST.1, ST.2, ST.3, ST.4, ST.5, ST.6, ST.7, ST.8

In this course the student will learn how to apply critical thinking skills to standards and practices of aseptic technique. The student will be taught the knowledge and methods required to prevent disease transmission by instruments, medical device, supplies, and the surgical environment. Additionally, recommended processes and practices for reducing the risk of infection through decontamination, disinfection, and sterilization will be introduced. This course will also provide the basis for understanding how instruments are made and the relationship between the design and function of the instrument. Important techniques and materials used in wound management will be presented and the process of wound healing will be studied.

ST.10 Surgical Techniques 2

Clock Hours: 44.80 Lecture 42 Lab

Quarter Credit Hours: 6.5

Prerequisites: PSY 100, NUTRI 100, MT 100, ST.1, ST.2, ST.3, ST.4, ST.5, ST.6, ST.7, ST.8, ST.9

This course provides an introduction to hands-on technique necessary to ensure the safety of patients and surgical team during transferring, transporting, and positioning the surgical patient. In addition, students will be taught skin prep and draping guidelines that are presented in a timewise and stepwise way to help clarify who does what, and when. The student will be oriented to the flow of a surgical procedure from the time of preparation to the close of surgery. Post anesthesia Recovery will also be introduced, topics include: PACU facility, procedures, psychosocial care, postoperative complications, Elements of discharge planning, and unanticipated PACU outcomes.

ST.11 Pharmacology & Anesthesia

Clock Hours: 20.30 Lecture 17.50 Lab

Quarter Credit Hours: 2.5

Prerequisites: PSY 100, NUTRI 100, MT 100, ST.1, ST.2, ST.3, ST.4, ST.5, ST.6, ST.7, ST.8, ST.9, ST.10

This course focuses on the medication processes and the role of the surgical technologist in drug handling, as well as an emphasis of drugs used on the sterile field. The students will be provided with an introduction to the process of anesthesia and physiological monitoring. While in this course the student will also learn basic procedures and techniques in which the student may be required to assist. The primary purpose of this course is to familiarize the student with basic concepts and terms that are associated with pharmacology, anesthesia, and basic monitoring.

ST.12 Technological Sciences

Clock Hours: 17.50 Lecture 14 Lab

Quarter Credit Hours: 2.0

Prerequisites: PSY 100, NUTRI 100, MT 100, ST.1, ST.2, ST.3, ST.4, ST.5, ST.6, ST.7, ST.8, ST.9, ST.10, ST.11

This course introduces technology and medicine. Topics include: physics, information technology, energy sources in surgery, minimally invasive surgery (MIS), and robotic surgery. Students will be taught to use computers professionally in the Perioperative environment. This course will also cover common surgical devices that use electromagnetic energy as well as other types of energy utilized in the Perioperative environment.

ST.13 Surgical Procedures 1

Clock Hours: 35 Lecture 31.50 Lab

Quarter Credit Hours: 5.0

Prerequisites: PSY 100, NUTRI 100, MT 100, ST.1, ST.2, ST.3, ST.4, ST.5, ST.6, ST.7, ST.8, ST.9, ST.10, ST.11, ST.12

During this course the student will be oriented to commonly performed tests and diagnostic procedures, both invasive procedures and noninvasive procedures. Students will review the surgical anatomy involved in general, gynecological, obstetrical, and genitourinary surgery. Focus will be placed on common diagnostic tests and procedures, specific elements of case planning, common pathology, and common procedures of each specialty taught within this course.

ST.14 Surgical Procedures 2

Clock Hours: 45.50 Lecture 42 Lab

Quarter Credit Hours: 6.5

Prerequisites: PSY 100, NUTRI 100, MT 100, ST.1, ST.2, ST.3, ST.4, ST.5, ST.6, ST.7, ST.8, ST.9, ST.10, ST.11, ST.12, ST.13

Students will review the surgical anatomy involved in ophthalmic, ENT, oral maxillofacial, plastic, reconstructive, and orthopedic surgery. Focus will be placed on common diagnostic tests and procedures, specific elements of case planning, common pathology, and common procedures of each specialty taught within this course.

ST.15 Surgical Procedures 3

Clock Hours: 59.50 Lecture 35 Lab

Quarter Credit Hours: 7.5

Prerequisites: PSY 100, NUTRI 100, MT 100, ST.1, ST.2, ST.3, ST.4, ST.5, ST.6, ST.7, ST.8, ST.9, ST.10, ST.11, ST.12, ST.13, ST.14

Students will review the surgical anatomy involved in peripheral vascular, thoracic, pulmonary, cardiac, pediatric, neuro, and emergency trauma surgery. Focus will be placed on common diagnostic tests and procedures, specific elements of case planning, common pathology, and common procedures of each specialty taught within this course.

ENG 100 English Composition (General Education Course)

Clock Hours: 48.00 Lecture

Quarter Credit Hours: 4.5

Prerequisites: PSY 100, NUTRI 100, MT 100, ST.1, ST.2, ST.3, ST.4, ST.5, ST.6, ST.7, ST.8, ST.9, ST.10, ST.11, ST.12, ST.13, ST.14, ST.15

This course focuses on the reading and writing process and refines the use of proper grammar. College English is designed to help students develop the rhetorical knowledge and practical habits of successful college writers. Students will learn to use the concepts of purpose, audience, and genre as they develop their own documents; to generate claims, ideas, supporting details, and evidence; to use appropriate writing structure; to produce drafts and to revise their work as they develop a final product; to produce a prose style that is readable, effective, and free from error; and to develop critical skills through an analysis of good explanation and description writing.

ENG 101 Oral Communication (General Education Course)

Clock Hours: 48.00 Lecture

Quarter Credit Hours: 4.5

Prerequisites: PSY 100, NUTRI 100, MT 100, ST.1, ST.2, ST.3, ST.4, ST.5, ST.6, ST.7, ST.8, ST.9, ST.10, ST.11, ST.12, ST.13, ST.14, ST.15

Essential Elements of Public Speaking is written to introduce students to the art of public speaking. It will provide a thorough foundation in classic approaches and new developments regarding theory, research, and issues of public speaking in a variety of contexts. Students are introduced to public speaking and concepts of audience, whether one or one hundred, and how best to shape their messages to have the intended effects.

MA 100 Basic College Mathematics (General Education Course)

Clock Hours: 48.00 Lecture

Quarter Credit Hours: 4.5

Prerequisites: PSY 100, NUTRI 100, MT 100, ST.1, ST.2, ST.3, ST.4, ST.5, ST.6, ST.7, ST.8, ST.9, ST.10, ST.11, ST.12, ST.13, ST.14, ST.15

This college mathematics course is a Career Pathways Course for those students interested in career-seeking jobs pertaining to math tracks and workforce readiness. The emphasis throughout the book is integration to careers and how math plays a role in career choices. Basic overall college level mathematic skills are taught.

ST.16 Externship

Clock Hours: 560

Quarter Credit Hours: 18.50

Prerequisites: PSY 100, NUTRI 100, MT 100, ST.1, ST.2, ST.3, ST.4, ST.5, ST.6, ST.7, ST.8, ST.9, ST.10, ST.11, ST.12, ST.13, ST.14, ST.15, ENG 100, ENG 101, MA 100

This course provides students with 560 hours of hands-on clinical experience. Students will apply what they have learned during the didactic and laboratory portion of the program at a healthcare facility where they will be closely monitored and supervised by an appointed preceptor. Emphasis is placed on the scrub and circulating roles of the surgical technologist. Students will observe and take part in surgical procedures and learn to work as a member of the surgical team meeting all of the required caseloads and 560 externship hours.

Immunization Requirements:

Students must provide proof of immunity for the following:

1. Proof of Varicella (Chicken Pox) immunity as shown by a serum titer containing immunity
2. Proof of a complete (3 injection series) Hepatitis B vaccination and a serum titer confirming immunity
3. Proof of Measles, Mumps and Rubella (MMR) immunity as shown by a serum titer confirming immunity to each disease
4. Proof of Tetanus vaccination within the last 10 years
5. Two negative TB Skin Tests (Mantoux PPD) within 6 months prior to the start of externship
6. BLS Certified, Healthcare Provider. (Offered at CCMCC)
7. Proof of medical insurance
8. Current Physical Examination
9. COVID-19: Documentation of vaccine or a signed waiver. (Some facilities may NOT accept waivers)

***All students must be BLS Certified- for the healthcare provider.**

***A mandatory background check is done on all students at acceptance and prior to externship placement. Students will need to pay for the drug screen prior to externship placement.**

General Education Courses Grading Policy:

Grade reports are issued to students at the completion of each term. Students are able to view and monitor their grades continuously throughout the course. Grades are based on the quality of work as shown by written tests, discussions, written assignments, oral presentation, and projects as indicated on the course or program syllabus. Rubrics for grading criteria for assignments are posted. The following grading policy is in effect at CCMCC. A passing grade is understood to be 70% or higher. Students must take and complete all required modules. The following grading policy is in effect for General Education Courses:

Grade	Percentage	Rating	Grade Point Value
A	90%-100%	Superior	4.0
B	80%-89.9%	Above Average	3.0
C	70%-79.9%	Average	2.0
D	50%-69.9%	Below Average	1.0
F	0-50%	Fail	0.0

W	Students who drop/withdraw from a course after the first five days of instruction receive this grade, which does not affect the CGPA. The credits attempted for this course will be counted toward the maximum time frame with no credits granted.
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Surgical Technology Core Courses Grading Policy:

The student must complete a grade of a C (70%) or better during each module. A student who does not maintain a 70% or better will be dismissed from the program. Each module will include multiple quizzes with a cumulative exam at the end of the module.

Grade scale is as follows:

90 – 100% = A

80 – 89.9% = B

70 – 79.9% = C

60 – 69.9% = D

Below 59.9 = F

Below 70% is Failing!

Grading weights are as follows:

Homework= 10% of total grade

Quizzes= 40% of total grade

Tests= 50% of total grade

Evaluation Method:

Quizzes will consist of multiple choice and true/false questions. Quizzes will cover classroom lectures, assigned readings, group activities, workbook materials, and clinical lab notes.

Tests/Midterms/Final will consist of multiple choice, true/false and short answer questions. Tests are cumulative in that each test will contain questions from material covered in all previous lectures within the present module. Tests will also cover assigned readings, group activities, lecture notes, workbook materials, and clinical lab notes.

Student Lab will allow the student to demonstrate knowledge of lecture components by simulating surgical skills and techniques in the presence of the instructor. A competency check list must be maintained throughout the course. The student must satisfactorily complete the student lab component of the course to receive a passing didactic course grade.

Clinical Component will be after classroom instruction is completed. 560 hours of externship training are required. Externship sites will be arranged by CCMCC and assignments will be given out no later than 90 days after the last day of the course, or 90 days from the date in which all required paperwork/documents have been received, whichever is later.

General Education Courses Attendance Policy:

Attendance is defined by completion of activities in the LMS. Instructors have access to time on task for each student in the course. Success in a course is dependent on active participation and engagement throughout the course. As such, students are required to complete all assignments by required due dates, and to actively participate in class discussions. Students should refer to individual course syllabi for start/finish assignment dates.

Log in to course at least three times a week, on different days, in order to complete weekly assignments, assessments, discussions and/or other weekly deliverables as directed by the instructor and outlined in the syllabus;

Participate in the weekly threaded discussions; this means that, in addition to posting a response to the thread topic presented, students are expected to respond to each other and comment and answer questions from the instructor and/or other students

Students who fail to attend at least one class day out of any 14 consecutive calendar days (excluding LOAs, holidays & scheduled breaks) will be terminated from the program.

Students will not be marked present for the course in a particular week if they have not posted on the discussion forum and/or submit assignment/essay or complete assessment if administered in that week.

Surgical Technology Core Courses Attendance Policy:

Please refer to the General Attendance Policy in this catalog.

GRADUATION CRITERIA:

Upon satisfactory completion of classroom/lab hours, passing each general education course with a 70% or higher and passing each surgical technology core courses with a 70% or higher, and successful completion of required clinical externship hours the student will be **required** to take the certification exam provided by the National Board of Surgical Technology and Surgical Assisting (NBSTSA)*. Upon successful completion of the AAS Surgical Technology Program, the student will receive an Associate of Applied Science in Surgical Technology from Contra Costa Medical Career College, and upon passing the certification exam the student will receive a certificate that certifies them nationally as a Certified Surgical Technologist (CST) from the NBSTSA.

*Please note that students will take the certification exam no more than 30 days prior to the completion of their clinical externship hours and no more than 30 days following the completion of their clinical hours.



2025 Associate of Applied Science in Surgical Technology Fees

Total Fees, Charges, and Expenses

Application/Registration Fee	<u>\$200.00</u> (non-refundable)
Tuition	<u>\$34,188.00</u> (refundable)
STRF fee	<u>\$0.00</u> (non-refundable)
Total Amount Paid to school	<u>\$34,388.00</u>

Out of pocket expenses are approximate (not paid to the institution)

Textbooks	<u>\$770.00</u> (refundable if unused)
Uniform/ shoes	<u>\$100.00</u> (non-refundable)
Drug screen	<u>\$150.00</u> (non-refundable)
Background check	<u>\$No fee</u>
BLS	<u>\$85.00</u> (refundable)
Certification Examination	<u>\$247.00</u> (non-refundable)
Total out of pocket expenses	<u>\$1,352.00.</u>

Estimated schedule of total charges \$35,740.00

***This Program is approved for Veterans' training benefits.**

2025 Associate of Applied Science in Surgical Technology Schedule

All courses must be taken and successfully completed in order delineated as a cohort.

GENERAL EDUCATION COURSES 1 (GE1) WEEKS 1 – 12

12 WEEKS TOTAL

Course #	Course Name	Location
PSY 100	Psychology	Online
NUTRI 100	Nutrition	Online
MT 100	Medical Terminology	Online

PROGRAM CORE COURSES CURRICULUM (ST) WEEKS 13 – 35

23 WEEKS TOTAL

MONDAY THROUGH FRIDAY 9AM - 4PM

Course #	Course Name	Location
ST.1	Surgical Technology Orientation	On Campus
ST.2	Anatomy & Physiology 1	On Campus
ST.3	Anatomy & Physiology 2	On Campus
ST.4	Anatomy & Physiology 3	On Campus
ST.5	Anatomy & Physiology 4	On Campus
ST.6	Microbiology	On Campus
ST.7	Professional Practice	On Campus
ST.8	Patient Care Concepts	On Campus
ST.9	Surgical Techniques 1	On Campus
ST.10	Surgical Techniques 2	On Campus
ST.11	Pharmacology & Anesthesia	On Campus
ST.12	Technological Sciences	On Campus
ST.13	Surgical Procedures 1	On Campus
ST.14	Surgical Procedures 2	On Campus
ST.15	Surgical Procedures 3	On Campus

**GENERAL EDUCATION COURSES 2 (GE2) WEEKS 36 – 47
12 WEEKS TOTAL**

Course #	Course Name	Location
ENG 100	English Composition	Online
ENG 101	Oral Communication	Online
MA 100	Basic College Math	Online

**EXTERNSHIP WEEKS 48 – 61
14 WEEKS TOTAL**

Course #	Course Name	Location
ST.16	Externship	TBD

**2025 Associate of Applied Science in Surgical Technology
Program Schedule**

**The General Education portion of the Program is online for weeks 1-12 and 36-47 for a total of 288 hours
The Didactic/Laboratory portion of the Program meets On Campus Monday through Friday from 9:00 am-4:00 pm for 800 hours. *560 Externship hours to be arranged**

Class begins Sunday, January 5, 2025 through Friday, December 19, 2025

- No class will be held Monday, May 25 in observance of Memorial Day
- No class will be held Thursday, June 19 and Friday, June 20 in observance of Juneteenth.
- No class will be held Friday, July 4 in observance of Independence Day
- No class will be held Monday, Sept. 1 in observance of Labor Day

Class begins Sunday, July 6, 2025, through Friday, June 26, 2026

- No class will be held Tuesday November 11th in observance of Veteran's Day
- No class will be held Thursday and Friday, November 28th and 29th in observance of Thanksgiving Day
- No class will be held Wednesday, December 24, through Friday December 26 in observance of Christmas Eve/Day
- No class will be held Wednesday, December 31, through January 2, 2026 in observance of New Years
- No class will be held Monday, January 19 in observance of Martin Luther King Jr
- No class will be held Monday, February 16 in observance of Presidents Day

*General Education courses do not observe Holidays



Sterile Processing Technician Program

Goals and Purpose: Central Sterile Processing Technicians are responsible for many vital services within various healthcare facilities. Some responsibilities include: Decontamination procedures, preparation and packaging for sterilization, monitoring the process of steam, dry heat, and liquid chemical sterilization maintaining product sterility through shelf-life/rotation, storage distribution, inspection, and inventory control of supplies, instruments and equipment. Upon completion of this course, graduates will be prepared to take the Certified Registered Central Service Technician's exam through HSPA. Students are awarded a technical certificate of completion upon successful completion of the curriculum. Professionally trained Central Sterile Processing Technicians work in a variety of environments. Graduates can look forward to an exciting career in hospitals, outpatient, and dental surgery centers. There are no pre-requisites for this program.

It is required for students to apply to take the *provisional* exam one month before completing the didactic portion of the program. Test date must be scheduled for the week after completion of the didactic portion. Please note, if students fail on the first attempt, they must wait six weeks before re-taking the exam per HSPA. Students will have 30 days after the last day of externship to re-take and pass this exam. If this requirement is not satisfied by the 30th day after the students' last day of externship, the student's file will be closed and a certificate of completion from the CCMCC Sterile Processing Technician Program will not be awarded.

WHAT IS A *PROVISIONAL* CERTIFICATION?

A Provisional Certification is attained when applicants choose to take the CRCST exam before they have completed their 400 hours of hands-on experience. It is NOT an exemption from the hands-on experience requirement. Individuals who attain provisional certification have six months in which to complete and submit documentation of their hands-on experience. If the experience is not completed and documented within the allotted six-month period, the certification will be revoked, and the individual will need to retest to regain certification.

Standard Occupational Classification

31-9093

Employment Positions

Sterile Processing Technician, CRCST, Medical Equipment Preparer, Central Sterile Supply Technician, Sterilization Specialist, Sterile Processor

Outcomes and Objectives:

At the end of the course the participant will be able to successfully demonstrate:

- Decontamination procedures
- Preparation and packaging for sterilization
- Monitor the process of steam, dry heat, and liquid chemical sterilization
- Maintenance of product sterility through shelf-life/rotation
- Storage distribution, inspection and inventory control of supplies, instruments and equipment
- Medical Terminology

Instructional Strategies:

- Individualized Study
- Small Group Discussions
- Large Group Discussions

- Skills Demonstration
- Competency Check-off
- Role Play
- Small Group Projects
- Independent Research
- Workbook/Homework Assignments
- Textbook Assignments
- Multimedia
- Lecture

Instructional Hours:

<u>Topic</u>	<u>Hours</u>
1. Introduction to Central Service	5
2. Medical Terminology for Central Service Technicians.....	3.5
3. Anatomy for Central Service Technicians.....	3
4. Microbiology for Central Service Technicians.....	3
5. Regulations & Standards.....	5
6. Infection Prevention.....	4
7. Decontamination; Point of Use Preparation & Transport.....	3
8. Cleaning & Decontamination	5
9. Disinfection.....	6
10. Surgical Instrumentation.....	16
11. Complex Surgical Instruments.....	5
12. Assembly & Packaging.....	5.5
13. Point of Use Processing1	1
14. High Temperature Sterilization.....	4
15. Low Temperature Sterilization	4
16. Sterile Storage & Transport	5
17. Monitoring & Record Keeping for Central Service.....	5
18. Quality Assurance	5
19. Managing Inventory Within the Central Service Department	4
20. The Role of Central Service in Ancillary Department Support.....	3
21. The Role of Information Technology in Central Service	5
22. Safety & Risk Management for Central Service.....	5
23. Success Through Communication.....	5
24. Personal & Professional Development for Central Service	20
25. Laboratory Practice.....	214
26. Externship.....	256
130 didactic, 214 laboratory hours, 256 externship Total Clock Hours – 600 Quarter Credit Hours 32.25	

Course Requirements

Immunization Requirements

Students must provide proof of immunity for the following:

1. **TDAP:** Adult dose within the last 10 years.
2. **MMR:** Laboratory documentation of immunity titer or documentation of two doses of MMR vaccine. (Some externship sites may require a titer)

3. **Hepatitis B:** Laboratory documentation of immunity or documentation of vaccine series, or signed declination (some externship sites may require a titer)
4. **PPD/TB:** You must have 1 negative skin test within the last year. If your result is positive, a chest x-ray report is required. Some facilities require a 2-step skin test.
5. **Varicella:** Laboratory documentation of immunity or documentation of two doses of Varicella vaccine. (Some externship sites may require a titer)
6. **Flu Vaccine** is required from September through March during externship for certain facilities
8. **COVID 19:** Documentation of vaccine or a signed waiver. (Some facilities may NOT accept waivers)

A copy of your immunization record must be turned in by the second week of class.

***All students must be BLS- for the healthcare provider Certified**

A mandatory background check is done at the time of registration and a mandatory drug screen is completed on all students prior to starting externship.

Grade scale is as follows:

- 90 – 100% = A
- 80 – 89.9%= B
- 70 – 79.9%= C
- 60 – 69.9%= D
- Below 59.9 = F

*Any student falling below 70% in overall class grade will be counseled and a plan of action will be established. The student will be given sufficient time to raise his/her grade, otherwise will be dismissed from program. The final course grade is based on theory grade and a “satisfactory” in student lab.

1. Theory grade is determined by:

Final Exam	20%
Final Instrumentation Exam	20%
8 Lecture quizzes	20%
8 Instrumentation quizzes	20%
Group Project	10%
Individual project	5%
Homework	5%
Major Instrument Assembly	(Pass or Fail)
<u>Instrument peel pack/wrap</u>	<u>(Pass or Fail)</u>
Total	100%

2. Laboratory experience: Clinical evaluations are graded on a Pass, Fail basis.

Skills Lab Competency test Pass /Fail – all lab check offs must be completed to pass lab portion of class

Evaluation Method

Lecture- Lecture quizzes will consist of multiple choice and short answer questions. Lecture quizzes often cover assigned readings, group activities, lecture notes, workbook materials, and clinical lab notes. A final exam will be given at the end of the course.

Student Lab- In the lab setting, the student will demonstrate knowledge of lecture components by simulating procedures in the presence of an instructor. Students may request additional lab practice based on availability of the instructor. Competency check lists will be maintained. The student must satisfactorily complete the student lab component of the course to receive a passing didactic course grade.

Clinical Component will be during and after classroom instruction.

400 hours of training is required by HSPA to be eligible to test for Certification. 214 hours are acquired in our

fully functional Sterile Processing laboratory and 256 guaranteed hours at an externship site arranged by CCMCC. Externship locations will be given out no later than 45 days after the last day of the program, or from the date on which all required paperwork/documents have been received, whichever is later. Externship hours are most likely during the day; therefore, students must be available during normal daytime working hours.

2025 Sterile Processing Technician Program Fees

Total Fees, Charges, and Expenses

Application/Registration Fee	<u>\$200.00</u> (non-refundable)
Note: The maximum non-refundable registration fee allowed by VA is \$10.00	
Tuition	<u>\$10,710.00</u> (refundable)
Textbook	<u>\$150.00</u> (refundable if unused)
Wonderlic exam	<u>\$No fee</u> (non-refundable)
STRF fee	<u>\$0.00</u> (non-refundable)
Total Amount Paid to school	<u>\$11,060.00</u>

Out of pocket expenses approximate (not paid to the institution)

Textbook	<u>\$110.50</u> (refundable if unused)
Uniform/ shoes/Scrub jacket	<u>\$115.00</u> (non-refundable)
Drug screen	<u>\$150.00</u> (non-refundable)
Background check	<u>\$No fee</u>
BLS	<u>\$85.00</u> (refundable)
HSPA exam	<u>\$140.00</u> (non-refundable)
Total out of pocket expenses	<u>\$600.50</u>

Estimated schedule of total charges \$11,660.50

***This Program is approved for Veterans’ training benefits.**

2025 Sterile Processing Technician Program Schedule

Day program will meet Monday through Thursday from 9:00 am-2:00 pm for 17 ½ weeks

Day Program Schedule 2025

Classes begin Monday February 3 through Thursday, June 5

- No class will be held Monday, February 17 in observance of Presidents Day
- No class will be held Monday, May 26 in observance of Memorial Day

Classes begin Monday, June 9 through Thursday, October 9

- No class will be held Thursday, June 19 in observance of Juneteenth
- No class will be held Monday, September 1 in observance of Labor Day

Classes begin Monday, October 13 through Thursday, February 26, 2026

- No class will be held Tuesday, November 11th in observance of Veterans Day
- No class will be held Thursday, November 27 in observance of Thanksgiving Day
- No class will be held Wednesday, December 24 through January 1 in observance of Christmas and New Years
- No class will be held Monday, January 19 in observance of M L King
- No class will be held Monday, February 16 in observance of Presidents Day

Evening program meets Monday through Thurs from 5:00 pm-10:00 pm for 17 ½ weeks

Evening program Schedule 2024-2025

Classes begin Tuesday, November 12th through Tuesday, April 1st, 2025

- No class will be held Monday, November 11th in observance of Veterans Day
- No class will be held Thursday, November 28th in observance of Thanksgiving Day
- No class will be held Monday December 23rd through January 2nd in observance of Christmas Day and New Years
- No class will be held Monday, January 20th in observance of Martin Luther King Jr
- No class will be held Monday, February 17th in observance of Presidents Day

Classes begin Monday, April 7 through Thursday, August 7

- No class will be held Monday, May 26 in observance of Memorial Day
- No class will be held Thursday, June 19 in observance of Juneteenth

Classes begin Monday, August 11 through Monday, December 15

- No class will be held Monday, September 1 in observance of Labor Day
- No class will be held Tuesday, November 11th in observance of Veterans Day
- No class will be held Thursday, November 27 in observance of Thanksgiving Day



Pharmacy Technician Program

Goals and Purpose: The Pharmacy Technician certificate program at Contra Costa Medical Career College will give you the tools to enter the healthcare world as a professional in a retail pharmacy, hospital, home healthcare setting, mail order or pharmaceutical wholesaler's industry. Pharmacy Technicians may assist pharmacists in providing medications and healthcare products to patients. As a Certified Pharmacy Tech, you'll receive and verify prescriptions and prepare patient medication. CCMCC's Pharmacy Technician classes will also train you to maintain client profiles and insurance claim forms. Pharmacy Techs are the key communication liaison between medical professionals, doctors, pharmacists and patients. This course is fully approved by the Ca. Board of Pharmacy to earn the title of Registered Pharmacy Technician. The state requires a minimum of 240 hours of training in the subject of Pharmacy Technician. In addition, participants will be qualified to apply to sit for the **OPTIONAL** National Certification Exam through the National Healthcareer Association. Upon successful completion of this exam, students will earn the credential CPhT. There are no prerequisites for this program.

***State registration will be denied if the applicant has any felony convictions on record. *State registration is a requirement for completion of this program. It takes up to 90 business days after successful completion of all course requirements to obtain California State Registration. California State Registration is REQUIRED for Pharmacy Technician employment in the state of California.**

Standard Occupational Classification

29-2052

Employment Positions

Pharmacy Technician, Pharmacist Technician, Certified Pharmacy Technician

Outcomes and Objectives:

At the end of the course, the participants will be able to:

- Design a study plan that fits their learning style and personal commitments.
- Assist the pharmacist in collecting, organizing, and evaluating information for direct client care, medication use review, and departmental management.
- Receive and screen prescription/medication orders for completeness and authenticity.
- Prepare medications for distribution.
- Verify measurements, preparation, and/or packaging of medications produced by other technicians.
- Distribute medications.
- Assist the pharmacist in the identification of clients who desire/require counseling to optimize the use of medications, equipment, and devices.
- Initiate, verify, collect payment for, and initiate billing for pharmacy services or goods.
- Purchase pharmaceuticals, devices, and supplies according to an established plan.
- Control the inventory of medications, equipment, and devices according to an established plan.
- Assist the pharmacist in monitoring the practice site and/or service area for compliance with state, federal, and local laws, regulations, and professional standards.
- Maintain the pharmacy equipment and facilities.
- Assist the pharmacist in preparing, storing, and distributing investigational medication products.
- Assist the pharmacist in monitoring medication therapy.
- Participate in the pharmacy department's process for preventing medication misadventures.
- Demonstrate skill in career and educational goal setting, organization, note-taking, and test-taking.

- Complete externship requirements including TB test, and CPR.
- Use communication strategies associated with quality customer service.
- Draft a resume that clearly communicates one's value to an employer.
- Utilize networking, informational interviews and other resources to generate job interviews.
- Orally express one's goals, skills, and personal qualities in a manner that makes one a desirable employee.
- Contrast effective communication approaches for dealing with people of various personal styles/temperaments.
- Use active listening, mirroring, and parameter-setting to participate effectively in difficult conversations (criticism, bad news, etc.)
- Describe and apply several strategies for managing stress on the job, at school, at home.
- Complete the National Certification Examination.
- Define medical terms and abbreviations used for inpatient pharmacy orders
- Demonstrate proper hand washing and sterile gloving techniques
- Describe and utilize Standard Precautions established by the Centers for Disease Control.
- Identify aerobic pathogens and utilize methods for preventing the contamination of sterile products compounded in the pharmacy.
- Define injectable routes and administration systems for parenteral products.
- Describe horizontal and vertical laminar airflow hoods (LAH) and a high efficiency particulate air (HEPA) filters
- Perform aseptic technique in a horizontal LAH.
- Differentiate between varying directions for reconstituting a sterile drug contained in a vial, calculate, and prepare an ordered dose in a LAH.
- Calculate and prepare an ordered dose from a sterile drug contained in an ampule in the LAH.
- Describe the risks involved in cytotoxic drug preparation and list the steps in preparing, handling and transporting cytotoxic drugs.
- Identify the components of a Chemo Spill Kit and a biological safety cabinet.
- Identify IV maintenance fluids and equipment.
- Calculate and set up a total parenteral nutrition (TPN) electrolyte pooling field in a LAH.
- Correctly fill out a TPN mixing report and prepare a TPN.
- Calibrate and operate an Automix® compounder using specific gravity.
- Calibrate and operate a Pharm Assist® repeater pump.
- Correctly apply the following formulas and calculations used in IV preparation and administration:
 1. $D/H \times Q = X$
 2. $V/C \times C = R$
 3. BSA(m²), (Body Surface area in m²)
 4. Safe Dose (when ordered in BSA)
 5. mL/h
 6. gtt/min
 7. $mL/h / \text{drop factor constant} = \text{gtt/min}$

Instructional Methods:

- Lecture
- Individualized Study
- Small and Large Group Discussions
- Skills Demonstration
- Competency Check-off

Instructional Hours:

<u>Topic</u>	<u>Hours</u>
1. Introduction.....	4
2. Law and Ethics.....	4
3. Medical/Pharmacological Terminology.....	10
4. Pharmacology	15
5. Practice Sites, Technology.....	6
6. Body Systems/Anatomy	15
7. Calculations.....	10
8. Receiving and Interpreting Medication Orders.....	15
9. Filling and Distributing Medication Orders.....	20
10. Intravenous Compounding.....	10
11. Over the Counter Medications	5
12.Purchasing, Inventory and Reimbursement	8
13.Study Skills	4
14. Communication Skills.....	10
15. Technician Issues	10
16. Professionalism and the Workplace.....	7
17. Resumes and interview techniques	1
18. Laboratory Practice	72
<u>19. Externship.....</u>	<u>120</u>
144 didactic, 72 laboratory hours, 120 externship	Total Clock Hours – 336
.....	Quarter Credit Hours 22
<u>*Waiting period for California State Registration.....up to 90 business days</u>	

Course Requirements

Immunization Requirements

Students must provide proof of the following before clinical:

- 1. **TDAP:** Adult dose within the last 10 years.
- 2. **MMR:** Laboratory documentation of immunity titer or documentation of two doses of MMR vaccine. (Some externship sites may require a titer)
- 3. **Hepatitis B:** Laboratory documentation of immunity or documentation of vaccine series, or signed declination (some externship sites may require a titer)
- 4. **PPD/TB:** You must have 1 negative skin test within the last year. If your result is positive, a chest x-ray report is required. Some facilities require a 2-step skin test.
- 5. **Varicella:** Laboratory documentation of immunity or documentation of two doses of Varicella vaccine. (Some externship sites may require a titer)
- 6. **Flu Vaccine** is required from September through March during externship for certain facilities
- 8. **COVID 19:** Documentation of vaccine or a signed waiver. (Some facilities may NOT accept waivers) **A copy of your immunization record must be turned in by the second week of class.**

A mandatory background check is done at the time of registration and a mandatory drug screen is completed on all students prior to starting externship.

***All students must be BLS- for the healthcare provider Certified**

Grade scale is as follows:

90 – 100% = A

80 – 89.9%= B

70 – 79.9%= C

60 – 69.9%= D

Below 59.9 = F

The final course grade is based on theory/lab total points.

1. Theory/lab grade is determined by:

Sixteen lecture quizzes	50%	(must maintain 70% to continue program)
One Mid-term Exams	20%	
Homework/Attendance	5%	
Final Skills Lab Competency	Pass/Fail	(must pass to pass course)
<u>Final exam</u>	<u>25%</u>	
Total	100%	

2. Laboratory experience: You must successfully perform all clinical competencies in order to pass the course.

3. Clinical evaluations are graded on a Pass, Fail basis.

***State registration is a REQUIREMENT for completion of this program. It takes up to 90 business days after successful completion of all didactic and clinical course requirements to obtain California State Registration. California State Registration is REQUIRED for Pharmacy Technician employment in California.**

Evaluation Method

Lecture: Lecture tests will consist of multiple choice and short answer questions. Lecture tests often cover assigned readings, group activities, lecture notes, workbook materials, and clinical lab notes. Tests are cumulative in that each test will contain questions from material covered in all previous lectures. A final exam will be given at the end of the course.

Student Lab: In the lab setting, the student will demonstrate knowledge of lecture components by simulating procedures in the presence of an instructor. Students may request additional lab practice based on availability of the instructor. Competency check lists will be maintained. The student must satisfactorily complete the student lab component of the course to receive a passing didactic course grade.

Clinical Component will be after classroom instruction is completed. 120 hours of externship training are required to complete the program and apply for your California State License. Externship locations will be given out no later than 45 days after the last day of the program, or from the date in which all required paperwork/documents have been received, whichever is later. Externship hours are most likely during the day; therefore, students must be available during normal daytime working hours.

2025 Pharmacy Technician Program Fees

Total Fees, Charges and Expenses

Application/Registration Fee	<u>\$200.00</u> (non-refundable)
Tuition	<u>\$4,150.00</u> (refundable)
STRF fee	<u>\$0.00</u> (non-refundable)
Total Amount Paid to School	<u>\$4,350.00</u>

Out of pocket expenses are approximate (not paid to the institution)

Uniform/ shoes/lab coat	<u>\$60.00</u> (non-refundable)
Textbook	<u>\$211.50</u> (refundable if unused)
Drug screen	<u>\$150.00</u> (non-refundable)
Background check	<u>\$No fee</u>
Livescan/passport photos	<u>\$74.00</u> (non-refundable)
BLS	<u>\$85.00</u> (refundable)
State registration application fee	<u>\$195.00</u> (non-refundable)
Self-Query fee req. for Ca. state license	<u>\$16.00</u> (non-refundable)
Total out of pocket expenses	<u>\$791.50</u>

Optional fee- upon program completion (Not required for state registration)

Certification Examination	<u>\$135.00</u> (non-refundable)
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Estimated schedule of total charges **\$5,276.50**

***This Program is approved for Veterans' training benefits.**

2025 Pharmacy Technician Program Schedule

Day Classes are held Mon, Wed, and Friday from 9:00 am-1:00 pm for 18 weeks.

Day program Schedule 2025

Classes begin Monday, January 6 through Wednesday, May 14

- No class will be held Monday, January 20 in observance of Martin Luther King Jr Day
- No class will be held Monday, February 17 in observance of Presidents Day

Classes begin Monday, May 19 through Friday, September 26

- No class will be held Monday, May 26 in observance of Memorial Day
- No class will be held Friday, July 4 in observance of Independence Day

Classes begin Monday, September 29 through Wednesday, February 11, 2026

- No class will be held Friday, November 28 in observance of Thanksgiving Day
- No class will be held Wednesday, December 24 and Friday, December 26 in observance of Christmas
- No class will be held Wednesday, December 31 and Friday, January 2 in observance of New Years

***State registration is a REQUIREMENT for completion of this program. It takes up to 90 business days for the California Board of Pharmacy to process applications after the application has been received. Contra Costa Medical Career College will assist you in completing all application requirements prior to submitting your application. California State Registration is REQUIRED for Pharmacy Technician employment in the state of California**



Pharmacy Technician



Diagnostic Medical Sonography Program

Goals and Purpose: The Diagnostic Medical Sonography (DMS) Program is designed to prepare competent entry-level general sonographers in the cognitive (knowledge), psychomotor (skills), and effective (behavior) learning domains. This preparation is accomplished through didactic, laboratory, and clinical instruction in the theoretical knowledge, skills, and responsibilities of a diagnostic medical sonographer. The successful program graduate will be able to perform appropriate ultrasound scanning examinations and procedures, and record anatomic, pathologic, and/or physiologic data for interpretation by a physician. The graduate will also be able to obtain, review, and integrate pertinent patient history and supporting clinical data to facilitate optimum diagnostic results. In addition, the graduate will be prepared to exercise discretion and judgment in the performance of sonographic diagnostic services, provide appropriate and compassionate patient care for patients undergoing ultrasound examinations, demonstrate excellent communication skills with patients and other health care professionals, and act in an ethical and professional manner. A graduate of the DMS Program will be qualified to work as an entry-level sonographer in a hospital or medical center, a medical clinic, a radiology imaging center, a physician's office, or a mobile ultrasound service; as a free-lance sonographer; or as a traveling sonographer. It is not currently mandatory that graduates take any licensing or credentialing examination upon successful program completion. However, many employers prefer or require that DMS graduates be credentialed by the American Registry of Diagnostic Medical Sonographers (ARDMS) or the American Registry of Radiologic Technologists (ARRT®). CCMCC DMS students **WILL** be eligible to take the SPI exam upon successful completion of the Physics portion of the DMS program. Graduates **WILL** be eligible to sit for the American Registry of Radiologic Technologists (ARRT®) exam upon graduation. Once the graduate passes the ARRT® exam he/she may then sit for the ARDMS specialty exams including the OBGYN, Abdominal and Vascular Credentialing Exams. Graduates from the CCMCC DMS program **WILL NOT** be eligible to sit for the CCI exam specializing in Cardiac Sonography unless the graduate successfully completes a 940-hour program concentrating on Cardiac Sonography. The graduate of the CCMCC DMS program must pass all core theory and laboratory courses, and clinical externship courses with a grade of 80% or better to complete the program.

ARRT® is a registered trademark owned by The American Registry of Radiologic Technologist. Contra Costa Medical Career College is not licensed by, endorsed by, or affiliated with The American Registry of Radiologic Technologist.

Standard Occupational Classification

29-2032

Employment Positions

Diagnostic Medical Sonographer

Outcomes and Objectives:

Upon successful completion of the program, graduates will:

- Demonstrate the ability to efficiently perform basic abdominal and small parts, pelvic, obstetrical, and vascular ultrasound examinations at an acceptable level of competence.
- Correlate ultrasound images with clinical findings, patient history, and pertinent pathophysiology.
- Possess the knowledge, skills, and abilities of the student sonographer in caring for the ill patient.
- Demonstrate the ability to promote good interpersonal relations with members of the health team.
- Possess a medical and professional sense of values and a concern for public health and safety.
- Have an awareness of the responsibilities and limitations of the role of the sonographer and to be able to function within these limits.
- Understand the importance of continued personal and educational growth.
- Recognize and appreciate the cost, preparation, maintenance, and care of sophisticated instrumentation found within the ultrasound department.

- Be prepared to successfully complete the SPI and ARRT® exams as well as registry examinations offered by the American Registry of Diagnostic Medical Sonographers (ARDMS) in the areas of Abdominal, OB/GYN, and Vascular.
- Be Employable as Diagnostic Medical Sonographer/Ultrasound Technician (CIP # 51.0910; O-NET# 29-2032.00)

Instructional Methods:

- Lecture
- Field Trips
- Independent research
- Small group discussions
- Group activities
- Large group discussions
- Demonstration
- Practical Laboratory
- 1 on 1 instruction
- Role-play
- Multimedia
- Use of computers
- Independent activities
- Textbooks
- Workbook

Program Admissions Requirements:

1. Must be at least 18 years of age
2. High School Diploma or equivalent
3. An Associate of Arts or Associate of Science degree (or higher) in any discipline.
A 3.0 Cumulative Grade Point Average (CGPA) from all higher education institutions attended, regardless of degree awarded. A cumulative GPA is calculated by weighing the CGPAs from each institution attended by credits earned and adjusting for the difference between semester and quarter credits (1.0 semester credit = 1.5 quarter credits). Calculations will be made based on all official transcripts submitted.
4. Successful completion of the following pre-requisite courses within the past 10 years. Academic requirements specified below must be completed at a regionally or nationally accredited institution: Successful completion (defined as receiving a grade of “C” or higher) of college-level coursework in the subjects below. (2.5 GPA required) CCMCC does not accept Pass/Fail or Credit/No Credit grades in fulfillment of admissions prerequisites. Courses must be a minimum of 3 semester or 4 quarter credits.
 - Human Anatomy & Physiology with a lab
 - Medical Terminology
 - Oral Communication (i.e. Speech)
 - Written Communication
 - College Algebra or higher-level mathematics

Recommended course: Physics (sound waves, heat, light, and motion)

Course work must be college level, completed and documented on an officially sealed transcript.

5. WONDERLIC SLE admissions score of 18 or higher
6. Criminal history background check – Note: If you have been convicted, found guilty of, or pled nolo contendere to any crime (felony or misdemeanor), other than a speeding or parking violation, you MUST seek clarification from the ARDMS at www.ardms.org, as to your eligibility to apply for ARDMS examination.
7. Health screenings and immunizations (prior to program admission). Note: TB testing is required just prior to placement into clinical externship.
8. Physical Requirements You must be physically able to:
 - Stand/walk up to 8 hours during an 8-hour shift
 - Lift/move a maximum of a 290-pound patient in a 2-person/3-person transfer
 - Operate and manipulate all sonography equipment
 - Reach forward 18 inches holding an object up to 15 pounds
 - Bend, crouch, or stoop 20 times per hour
 - Push a patient in a wheelchair or gurney 300 feet or further, as required by structural design of the building
 - Move loads of up to 45 pounds 25 times per hour
 - Adequately differentiate sonographic images with subtle grayscale and color distinctions
 - Adequately distinguish audible sounds in a Doppler signal
9. Drug and alcohol testing (required by CCMCC and the clinical externship sites prior to placement)
10. Current BLS for the Healthcare Provider certification through the American Heart Association.

Diagnostic Medical Sonography

Module #	Course Title	Week #	Total Clock hours	Quarter Credit Units
Module 1	DMS 100- Fundamentals of Sonography DMS 101- Physical Principals & Instrumentation of ultrasound (12 weeks)	1-12	240	18.5
Module 2	DMS 200- Professional Aspects of Sonography DMS 201- Vascular Sonography (12 weeks)	13-24	240	18.5
Module 3	DMS 300- Patient Care for Sonographers DMS 301- Abdominal & Small parts Ultrasound Imaging (12 weeks)	25-36	240	18.5
Module 4	DMS 400- Patient Interaction DMS 401- Obstetrics & Gynecology Ultrasound Imaging (12 weeks)	37-48	240	18.5
Module 5	DMS 500- Clinical Externship I DMS 501- Clinical Externship II (24 weeks)	49-72	960	32.0

Diagnostic Medical Sonography

Course #	Course Title	Lecture Hours	Lab Hours	Clinical Hours	Total Clock hours	Quarter Credit Units
DMS100	Fundamentals of Sonography	48	0	0	48	4.5
DMS101	Physical Principals & Instrumentation	96	96	0	192	14.0
DMS200	Professional Aspects of Sonography	48	0	0	48	4.5
DMS201	Vascular Sonography	96	96	0	192	14.0
DMS300	Patient Care for Sonographers	48	0	0	48	4.5
DMS301	Abdominal & Small parts Ultrasound Imaging	96	96	0	192	14.0
DMS400	Patient Interaction	48	0	0	48	4.5
DMS401	Obstetrics & Gynecology Ultrasound Imaging	96	96	0	192	14.0
DMS500	Clinical Externship I	0	0	480	480	16.0
DMS501	Clinical Externship II	0	0	480	480	16.0
	Totals	576	384	960	1920	106

DMS Program Descriptions:

MODULE 1

DMS 100 – FUNDAMENTALS OF SONOGRAPHY

Prerequisites: Successful admission into the program Co-requisite: Concurrent Module 1 courses

Total Clock Hours: 48

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.

DMS 101 – PHYSICAL PRINCIPLES AND INSTRUMENTATION OF ULTRASOUND

Prerequisites: Successful admission into the program Co-requisite: Concurrent Module 1 courses

Total Clock Hours: 192

This course covers the basic physical principles of ultrasound and instrumentation relating to the ultrasound unit. The information covered in the course will include the basic acoustic principles of ultrasound, the physics of pulsed ultrasound, Doppler principles, transducer operating principles and composition, the components of the ultrasound imaging unit, common artifacts in imaging, and safety in operation of the ultrasound imaging system. In the laboratory component, emphasis will be placed upon the instrumentation controls required for optimum operation of the ultrasound machine.

MODULE 2

DMS 200 – PROFESSIONAL ASPECTS OF SONOGRAPHY

Prerequisites: Successful completion of Module 1 courses Co-requisite: Concurrent Module 2 courses

Total Clock Hours: 48

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, sonographer safety, medical ethics and legal aspects of sonography, professional behavior, sonography employment venues, resume writing and interview techniques.

DMS 201 – VASCULAR SONOGRAPHY

Prerequisites: Successful completion of Module 1-3 courses, Co-requisite: Concurrent Module 4 courses Total Clock Hours: 192

This course in vascular ultrasound will introduce the student to the hemodynamic considerations of the arterial and venous vascular systems. The lecture portion of this course will cover the anatomy of the arterial and venous systems of the body, and the pathologies commonly encountered in those systems. During the laboratory sessions, the student will receive instruction in scanning techniques for the carotid arteries, upper and lower extremity arteries, upper and lower extremity veins, and abdominal vessels. This course is designed to instruct the student to ultrasound studies performed in the practice of vascular ultrasound imaging.

MODULE 3

DMS 300 – PATIENT CARE FOR SONOGRAPHERS

Prerequisites: Successful completion of Module 2 courses Co-requisite: Concurrent Module 3 courses Total Clock Hours: 48

This course presents the student with different aspects of patient care that are relevant to the sonographer. Focus is placed on patient/sonographer interaction, HIPPA, essentials and patients' rights, fundamental patient care, and infection control for the sonographer.

DMS 301 – ABDOMINAL AND SMALL PARTS ULTRASOUND IMAGING

Prerequisites: Successful completion of Module 1 courses Co-requisite: Concurrent Module 2 courses Total Clock Hours: 192

This course covers the aspects of abdominal and small parts ultrasound scanning required for employment as an entry-level sonographer. This course will include both lecture and laboratory components. The lecture component will focus upon normal ultrasound appearances of the organs of the abdominal cavity, breast, thyroid, prostate, and testes, and on the pathological conditions that may affect those organs. In the laboratory portion of the course the student will learn proper ultrasound scanning techniques for imaging the organs of the abdomen and small parts, and preparation of the necessary information for an initial written or oral presentation to the radiologist.

MODULE 4

DMS 400 – PATIENT INTERACTION

Prerequisites: Successful completion of Module 1-3 courses, Co-requisite: Concurrent Module 4 courses Total Clock Hours: 48

Students will learn how to communicate with patients and other health care professionals, care for those with special needs, prepare the patient for different types of ultrasound examinations, recognize medical emergencies, and a review of the different sonographic examinations and guidelines, and quality assurance.

DMS 401 – OBSTETRICS AND GYNECOLOGY ULTRASOUND IMAGING

Prerequisites: Successful completion of Module 2 courses Co-requisite: Concurrent Module 3 courses Total Clock Hours: 192

This course will confer a basic understanding to the student of the normal and abnormal conditions that affect the organs of the female pelvic cavity and the developing fetus. The lecture portion will center upon the normal and pathological conditions of the uterus, ovaries and fetus. During the laboratory component the student will learn proper scanning techniques and protocols used in ultrasound imaging of the gynecologic and obstetric patient. Emphasis is placed on recognition of normal anatomy, ultrasound documentation, biometry measurements, and preparation of initial preliminary reports to the reading radiologist.

MODULE 5

DMS 500 – CLINICAL EXTERNSHIP 1

Prerequisites: Successful completion of Module 1-4 courses, Co-requisite: None Total Clock Hours: 480

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 by 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 observation and participation in clinical cases studies of patients undergoing ultrasound examinations.

DMS 501 – CLINICAL EXTERNSHIP 2

Prerequisites: Successful completion of Module 1-4 courses, Co-requisite: None Total Clock Hours: 480

This course is designed as a more advanced continuation of Clinical Practicum I. The student will continue to perfect his skills in the clinical environment and learn more advanced imaging techniques required of the sonographer. The student will gain more experience in performing ultrasound imaging of the patient undergoing abdominal, small parts, gynecologic, obstetric, or vascular ultrasound examinations.

*A quarter credit is defined as one credit for every ten (10) hours of lecture, one credit for every twenty (20) hours of lab, and one credit for every thirty (30) hours of externship (or internship).

Immunization Requirements:

Students must provide proof of immunity for the following:

1. Proof of Varicella (Chicken Pox) immunity as shown by a serum titer containing immunity
2. Proof of a complete (3 injection series) Hepatitis B vaccination and a serum titer confirming immunity
3. Proof of Measles, Mumps and Rubella (MMR) immunity as shown by a serum titer confirming immunity to each disease
4. Proof of Tetanus vaccination within the last 10 years
5. Two negative TB Skin Tests (Mantoux PPD) within 6 months prior to the start of externship
6. Flu Vaccine is required from September through March during externship for certain facilities.
7. COVID 19: Documentation of vaccine or a signed waiver. (Some facilities may NOT accept waivers)
6. BLS Certified, Healthcare Provider. (Offered at CCMCC)

7. Current Physical Examination

8. Proof of medical insurance or ability to obtain medical insurance prior to externship placement

***All students must be BLS Certified- for the healthcare provider**

A mandatory background check is done at the time of registration and a mandatory drug screen is completed on all students prior to starting externship.

Grading Policy:

The student must complete a grade of a B (80%) or better during each module. A student who does not maintain an 80% or better will be dismissed from the program. Each module will include multiple quizzes with a cumulative exam at the end of the module. Each Module will be graded individually during the program. Grades are based on the student's work in the didactic (classroom setting). Students must obtain a minimum average grade of 80% in didactic courses. Laboratory and clinical education are graded on a Pass/Fail basis. Students must pass the laboratory and clinical portions of the program to graduate.

Grade scale is as follows:

90 – 100% = A

80 – 89.9% = B

70 – 79.9% = C

60 – 69.9% = D

Below 59.9 = F

Evaluation Method

Quizzes will consist of multiple-choice and true/false questions. Quizzes will cover classroom lectures, assigned readings, group activities, workbook materials, and clinical lab notes.

Tests/Midterms/Final will consist of multiple-choice true/false, and short answer questions. Tests are cumulative in that each test will contain questions from material covered in all previous lectures within the present module. Tests will also cover assigned readings, group activities, lecture notes, workbook materials, and clinical lab notes.

Student Lab will allow the student to demonstrate knowledge of lecture components by simulating diagnostic medical sonography skills and techniques in the presence of the instructor. A competency checklist must be maintained throughout the course. The student must satisfactorily complete the student lab component of the course to receive a passing didactic course grade.

Clinical Component will be after classroom instruction is completed. 960 hours of externship training are required. Externship locations will be given out no later than 90 days after the last day of the program, or from the date in which all required paperwork/documents have been received, whichever is later. Externship hours are most likely during the day; therefore, students must be available during normal daytime working hours.

2025 Diagnostic Medical Sonography Program Fees

TOTAL FEES, CHARGES, AND EXPENSES

Costs Paid to School

Application/Registration Fee	\$200.00	(non-refundable)
Tuition	\$29,920.00	(refundable based on refund table)
STRF fee	\$0.00	(non-refundable)
<u>Total paid to school</u>	<u>\$30,120.00</u>	

Out of Pocket Expenses (APPROX.)

Textbooks and Workbooks	\$760.00	(refundable if unused)
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Uniform/ shoes	<u>\$150.00</u>	(non-refundable)
Drug screen	<u>\$150.00</u>	(non-refundable)
Background check	<u>\$No fee</u>	
CPR/BLS Certification	<u>\$85.00</u>	(refundable)
Certification Examination (ARRT®)	<u>\$200.00</u>	(non-refundable)
Certification Examination (SPI)	<u>\$220.00</u>	(non-refundable)
Certification Examination (ARDMS-by specialty)		
(OB-GYN)	<u>\$250.00</u>	(non-refundable)
(Abdominal)	<u>\$250.00</u>	(non-refundable)
(Vascular)	<u>\$250.00</u>	(non-refundable)
<u>Total out of pocket</u>	<u>\$2,315.00</u>	

Estimated schedule of total charges **\$32,435.00**

If you get a student loan, you are responsible for repaying the loan amount plus any interest.

***This Program is approved for Veterans' training benefits.**

2025 Diagnostic Medical Sonography Program Schedule

960 Externship hours to be arranged

Day classes are held Monday through Thursday from 9:00 am-2:00 pm for 48 weeks (960 hours)

Day program schedule 2025

Classes begin Tuesday, January 6 through Wednesday, December 17

- No class will be held Monday, January 20 in observance of Martin Luther King Jr Day
- No class will be held Monday, February 17 in observance of Presidents Day
- No class will be held Monday, May 26 in observance of Memorial Day
- No class will be held Thursday, June 19 in observance of Juneteenth
- No class will be held Monday, September 1 in observance of Labor Day
- No class will be held Tuesday, November 11 in observance of Veteran's Day
- No class will be held Thursday, November 27 in observance of Thanksgiving Day

Evening classes are held Monday through Thursday from 5:00 pm-10:00 pm for 48 weeks (960 hours)

Evening program schedule 2025

Classes begin Monday, June 30 through Wednesday, June 24, 2026

- No class will be held Monday, September 1 in observance of Labor Day
- No class will be held Tuesday, November 11 in observance of Veteran's Day
- No class will be held Thursday, November 27 in observance of Thanksgiving Day
- No class will be held Thursday, December 18th through Thursday, January 1, **2026**, in observance of Christmas and New Years
- No class will be held Monday, January 19 in observance of Martin Luther King Jr. Day
- No class will be held Monday, February 16 in observance of Presidents Day
- No class will be held Monday, May 25 in observance of Memorial Day

DENTAL ASSISTING

Goals and Purpose: Contra Costa Medical Career College's Dental Assisting Program is 985-hours of theory, laboratory and clinical training geared to prepare the student for an entry level position in a Dental Office. The Program provides all the necessary training to enable the students to acquire satisfactory skills and demonstrate competencies in a variety of dental office procedures and laboratory techniques. Students are presented with infection control, instrument processing, terminology, instrument identification, chairside procedures, charting, digital and conventional x-rays, coronal polish and sealant placement, preliminary examination procedures, manipulation of dental materials, front office management, appointment scheduling, and records-keeping. Student graduates may find employment in dental clinics and private dental offices as dental assistants. The primary goal of the CCMCC Dental Assisting Program is to prepare entry level dental assistants with the knowledge and skills competencies for patient care.

Outcomes and Objectives:

Upon successful completion of the program, graduates will:

- Demonstrate knowledge in basic sciences and clinical practice in the delivery of patient care.
- Exhibit professionalism and work ethics with co-workers and patients
- Demonstrate understanding of the ethics and scope of practice of a dental assistant
- Demonstrate effective communication skills.
- Perform dental procedures by employing asepsis and sterilization techniques
- Provide health education and nutrition counseling to dental patients.

Program Admissions Requirements:

1. High School Diploma/GED
2. Wonderlic SLE admissions score of 13 or higher
3. In addition, students complete the following prerequisites prior to starting the Dental Assisting Program:
 - a. Orientation *completed prior to DA 99
 - b. DA 99; 8-hr Infection Control in Dentistry

Both orientation and the DA 99- 8-hr Infection Control in Dentistry course are taught before students start any other courses. After completing orientation and the DA 99 Infection Control course, students will complete all courses. DA 100 – DA 107 are offered regardless of the sequence. Students must complete all didactic and laboratory courses prior to starting DA 108- Externship.

Dental Assisting Program Clock to Credit Hours

Certificate Program Total Hours: 985 Total Weeks: 43 weeks Credits: 62.5

Course #	Course Title	Lecture Hours	Lab Hours	Extern Hours	Clock Hours	Credit Units
(pre-req)	Orientation	Orientation is completed prior to DA 99				
DA 99	8-hr Infection Control in Dentistry	This 8-hr Infection Control course is completed prior to any other DA program module/course				

DA100	Dental Science Infection Control/Restorative Dentistry	40	40	0	80	6.0
DA101	Anatomy and Physiology Operatory Procedures	40	40	0	80	6.0
DA102	Restorative Dentistry Laboratory Materials	40	40	0	80	6.0
DA103	Chairside Dentistry Chairside Procedures	40	40	0	80	6.0
DA104	Dental Radiography	40	40	0	80	6.0
DA105	Dental Specialties Specialty Procedures	40	40	0	80	6.0
*DA106	Preventative Dentistry Preventive Procedures	80	80	0	160	12.0
DA 107	Law & Ethics in the Dentistry Advanced Chairside	40	40	0	80	6.0
DA108	Externship	0	0	265	265	8.5
	Totals	360	360	265	985	62.5

A quarter credit is defined as one credit for every ten (10) hours of lecture, one credit for every twenty (20) hours of lab and one credit for every thirty (30) hours of externship

***8-week course**

The Dental Assisting program length is 985 total clock hours (43 weeks). Total time in weeks to complete the program may vary based on school holidays and breaks. The program consists of 36 weeks of theory/Lab (20 hours/week) and 7 weeks of externship (40 hours/ week).

Day Class is held from 9:00 am-2:00 pm Monday-Thursday (20 hours per week)

TBA: Evening class is held from 5:00 pm-10:00 pm Monday-Thursday (20 hours per week)

Externship hours are to be arranged. Students must be available Monday – Friday during regular business hours.

Prerequisite Descriptions:

Orientation – During orientation, students will be introduced to basic college and program guidelines, terminology, basic chairside skills, minimal head and tooth anatomy, tooth numbering, safety, and emergency precautions. Students will establish basic knowledge of instrument processing, operatory management, and methods to prevent cross contamination.

DA 99 8-hr Infection Control in Dentistry

Total Hours: 8

Lecture: 4

Lab: 4

Prerequisite: Orientation

Description:

The didactic portion of this class will introduce prospective students to Infection Control in Dentistry. Upon enrollment, prospective students will be given a study packet to review prior to the start of this introductory course. Students will be provided with a workbook that must be completed in preparation for the didactic portion and written exam. Current methods of infection control in dentistry and goals for prevention will be explored. OSHA guidelines, Bloodborne Pathogen Standards, importance of standard precautions will be presented, and students will be given an Infection Control written exam that must be passed with a 76% or higher prior to starting the Dental Assisting Program.

In the lab/clinical portion, students will be given a demonstration on proper handwashing, donning PPE, and preparation and breakdown of operatories. Proper instrument processing protocol will be demonstrated, including proper disposal of regulated/infectious waste. Students will learn reasoning and the importance of spore testing. Sufficient practice time will be given for students to prepare themselves properly and safely and operator for patient treatment. They will safely break down the operatory and process all instruments from transport to sterilization. Students must successfully complete a practical exam demonstrating proper protocol to successfully pass this introductory course and obtain certification.

Dental Assisting Course Descriptions:**DA 100 Dental Science**

Total Hours: 80

Lecture: 40

Lab: 40

Prerequisite: Orientation and successful completion of DA 99

Description:

The didactic portion of this course is an introduction to the dental profession and its history. It includes basic concepts and principles of microbiology and asepsis, proper methods of infection control and sterilization including OSHA regulations are reiterated. Topics include professionalism and patient records. Introduction to the physical and chemical properties of dental materials; preparation, placement and removal of provisional restorations as allowed by DPA is also introduced. Students are prepared for the state certification examination for infection control.

The lab portion of this course will introduce students to the study, characteristics, safe manipulation and use of dental materials and equipment in operative and restorative dentistry. Emphasis is placed on infection control and safety standards.

DA 101 Anatomy and Physiology

Total Hours: 80

Lecture: 40

Lab: 40

Prerequisite: Orientation and successful completion of DA 99

Description:

The didactic portion of this course covers the basics of dental anatomy, physiology, tooth morphology, eruptions patterns, Emphasis will be on teeth and their surrounding structures. Head and neck anatomy, body systems, and the administration of local anesthetic will be discussed.

The lab portion of this course is an introduction to the physical and chemical properties of dental materials and the preparation, placement and removal of provisional crowns as allowed by the State Dental Practice Act. In addition, students will learn operatory concepts and assisting with local dental anesthesia.

DA 102 Restorative Dentistry

Total Hours: 80

Lecture: 40

Lab: 40

Prerequisite: Orientation and successful completion of DA 99

Description:

The didactic portion of this course will introduce students to the study, characteristics, safe manipulation, and use of dental impression materials. Emphasis is placed on infection control safety standards and hazard control protocols. It prepares students to assist in the management of dental and medical emergencies, including review of legal and ethical responsibilities.

In the lab portion students will take, pour and trim preliminary impressions. Students will prepare final impression materials and bite registrations. In addition, students take and record vital signs and be prepared to assist in the management of medical and dental emergencies.

DA 103 Chairside Dentistry and Procedures

Total Hours: 80

Lecture: 40

Lab: 40

Prerequisite: Orientation and successful completion of DA 99

Description:

The didactic portion of this course introduces the use and care of dental equipment, identification and application of hand instruments, tray setups and their sequence of use. Four handed dentistry techniques and preparation for assisting in a clinical setting will be discussed.

The lab portion will introduce the principles of chairside assisting with an emphasis on operative procedures which include chairside responsibilities, instrument identification tray setups, four-handed techniques and sequences of general dentistry procedures.

DA 104 Dental Radiology

Total Hours: 80

Lecture: 40

Lab: 40

Prerequisite: Orientation and successful completion of DA 99

Description:

The didactic portion of this course emphasizes patient management, radiation safety and infection control procedures in accordance with OSHA, the CDC and the DPA. The class deals primarily with dental radiography. The student will be provided with information on radiographic techniques and procedures, including the latest on digital and 3-D radiography. Students will review procedures for operation of the latest imaging systems, safety precaution measures using radiography equipment minimizing the risk to the patient and all dental personnel, aseptic techniques, radiation hygiene and maintenance for quality assurance and safety. Students are prepared for the state certification examination in dental radiology, a passing score of 76% or higher is required prior to seeing clinical patients.

In lab, this course emphasizes patient management, radiation safety and infection control procedures in accordance with OSHA and CDC guidelines. Laboratory and clinical experience will allow students to enhance the efficiency and quality of their radiographic techniques. Students will perform, evaluate and interpret various types of radiographs. Technique and diagnostic quality are reinforced.

DA 105 Dental Specialties

Total Hours: 80

Lecture: 40

Lab: 40

Prerequisite: Orientation and successful completion of DA 99

Description:

The didactic portion of this course introduces the dental health team, practices, and procedures of dental specialties as well as dental assisting duties in a specialty dental practice. Oral surgery, endodontics, pediatric dentistry, orthodontics, and prosthodontics and the associated dental assisting duties are explored.

This lab course introduces specialty practices in dentistry including Pediatrics, Orthodontics, Endodontics, Oral Surgery and Prosthodontics. Students will learn skills performed by a dental assistant and registered dental assistant in these specialty fields, they will be able to identify specialty instruments and their functions.

DA 106 Preventative Dentistry

Total Hours: 160

Lecture: 80

Lab: 80

Prerequisite: Orientation and successful completion of DA 99

Description:

The didactic portion of this course explores the principles and practices of preventing and controlling dental disease. Emphasis is placed on nutrition and plaque control. Coronal polish theory and procedures are introduced, and students are prepared for the state certification examination in coronal polishing and upon successful completion will continue with pit and fissure sealant course content and state exam. Students must pass both coronal polish and sealant exams with a 76% or higher prior to seeing clinical patients. Periodontal disease process theory is addressed in the course.

In the first 4 weeks, this lab course introduces the techniques of coronal polish while emphasizing patient management and infection control procedures in accordance with OSHA and CDC. Clinical experience will allow students to perform coronal polish on patients. In weeks 5 – 8 the lab will introduce the proper techniques in placing pit and fissure sealants to assure retention. Clinical experience will allow students to perform sealant procedure of patients.

DA 107 Law and Ethics in the Dental Profession

Total Hours: 80

Lecture: 40

Lab: 40

Prerequisite: Orientation and successful completion of DA 99

Description:

The didactic portion of this course covers law and ethics in dentistry. Upon completion of this course, students will take the CA State Exam, which must be passed with a 76% or higher for certification.

The lab portion will include routine maintenance of the dental office equipment. DA duties during chairside procedures of crown, bridge, and endodontics, instrumentation and tray set ups.

DA 108 Clinical Externship

Total Hours: 265 Externship

Prerequisites: Orientation, DA 99, DA 100, DA 101, DA 102, DA 103, DA 104, DA 105, DA 106, and DA 107.

Description: Upon successful completion of the classroom component of the program, dental assisting students participate in 265 hours of externship. Serving an externship at an approved facility gives externs an opportunity to work with patients and apply the principles of practice learned in the classroom. Evaluation is conducted by the Externship site personnel.

Teaching Methodology

Training will be delivered in a combination of lab, lecture, and work-based environments, provided by an instructor with training and experience in dental practice. The classroom component will be delivered in terms of didactic and skills laboratory. In addition, students are expected to turn in homework on assigned topics. Students will complete 265 hours of externship giving them a “hands-on” experience.

Method of Evaluation

Weekly quizzes, and final examinations are administered. Student’s skills performances are evaluated and graded. Homework is part of the overall grade. A final evaluation of the student’s overall performance is conducted at the completion of the theory and skills components of the program. Final evaluation consists of identified skills, abilities and knowledge of the program and completion of required projects. Externship performance is evaluated at the completion of 265 hours.

Program Requirements:

Student must achieve 70% or higher GPA during each evaluation period and have satisfactorily completed appropriate assignments, projects, performance checklist procedures and completion of externship; and must meet 90% of course attendance.

Employment Positions

Dental Assistant, Front Office Assistant, Billing/Insurance Specialist, Dental X-ray Technician, Sterilization Assistant

Course Requirements

Immunization Requirements

Students must provide proof of the following before clinical:

1. **TDAP:** Adult dose within the last 10 years.
2. **MMR:** Laboratory documentation of immunity titer or documentation of two doses of MMR vaccine. (Some externship sites may require a titer)
3. **Hepatitis B:** Laboratory documentation of immunity or documentation of vaccine series, or signed declination (some externship sites may require a titer)
4. **PPD/TB:** You must have 1 negative skin test within the last year. If your result is positive, a chest x-ray report is required. Some facilities require a 2-step skin test.
5. **Varicella:** Laboratory documentation of immunity or documentation of two doses of Varicella vaccine. (Some externship sites may require a titer)
6. **Flu Vaccine** is required from September through March during externship for certain facilities
7. **COVID 19:** Documentation of vaccine or a signed waiver. (Please note some facilities may NOT accept waivers)

A mandatory background check and Drug screen is done at the time of registration.

***All students must be BLS for the healthcare provider Certified, within the first Module**

Grading Policy:

The student must complete a grade of a C (70%) or better during each module. A student who does not maintain a 70% or better will be dismissed from the program. Each module will include multiple quizzes with a cumulative exam at the end of the module. Each Module will be graded individually during the program. Grades are based on the student's work in the didactic (classroom setting. Students must obtain a minimum average grade of 70% in didactic courses.

The externship component of the program is graded on a Pass/Fail basis.

Students must pass the laboratory and clinical portions of the program to graduate.

Grade scale is as follows:

90 – 100% = A

80 – 89.9%= B

70 – 79.9%= C

60 – 69.9%= D

Below 59.9 = F

2025 Dental Assisting Program Fees

TOTAL FEES, CHARGES, AND EXPENSES

Costs Paid to School

Application/Registration Fee \$200.00 (non-refundable)

(Maximum non-refundable reg. fee allowed by VA is \$10.00)

Tuition \$10,710.00 (refundable based on refund table)

Textbooks and Workbooks \$25.00 (refundable if unused)

STRF fee \$0.00 (non-refundable)

Total paid to school **\$10,935.00**

Out of Pocket Expenses (APPROX.)

Textbooks and Workbooks \$303.00 (refundable if unused)

Uniform/ shoes \$125.00 (non-refundable)

Wonderlic Exam \$No Fee (non-refundable)

Drug screen \$150.00(non-refundable)

Background check \$No fee

CPR/BLS Certification \$85.00 (refundable)

Total out of pocket **\$663.00**

Estimated schedule of total charges **\$11,598.00**

If you get a student loan, you are responsible for repaying the loan amount plus any interest.

***This Program is approved for Veterans' training benefits.**

2024-2025 Dental Assisting Program Schedule

Day classes are held Monday through Thursday from 9:00 am-2:00 pm for 36 weeks

Day program Schedule 2024

Classes begin Tuesday, November 12th through Thursday, July 31st

Classes begin Monday, December 9th through Thursday, August 28th

Day program Schedule 2025

Classes begin Tuesday, January 21 through Thursday, September 25

Classes begin Tuesday, February 18 through Thursday, October 23

Classes begin Monday, April 14 through Thursday, December 18

Classes begin Monday, May 12 through Thursday, January 29

Classes begin Monday, June 9 through Thursday, February 26

Classes begin Monday, July 7 through Thursday, March 26

Classes begin Monday, August 4 through Thursday, April 23

Classes begin Tuesday, September 2 through Thursday May 21

Classes begin Monday, October 27 through July 16, 2026

Holidays and makeup days for Dental Assisting Program

- No class will be held Monday, November 11th in observance of Veterans Day-
make up day Friday, November 15th
- No class will be held Thursday, November 28th in observance of Thanksgiving Day-
make up Friday, November 22nd
- No class will be held Monday, December 23rd through Thursday, January 2nd, **2025** in observance of
Christmas Eve/Day and New Year's Eve/Day
- No class will be held Monday, January 20th, in observance of Martin Luther King Jr Day-
make up day Friday, January 24th
- No class will be held Monday, February 17th in observance of Presidents Day-
make up day Friday, February 21st
- No class will be held Monday, May 26th in observance of Memorial Day-
make up day Friday, May 30th
- No class will be held Thursday, June 19th in observance of Juneteenth Day-make up day Friday, June
13th
- No class will be held Monday, September 1 in observance of Labor Day-make up day Friday, September
5
- No class will be held Tuesday, November 11th in observance of Veterans Day-make up day Friday,
November 15th
- No class will be held Thursday, November 27th in observance of Thanksgiving Day-
make up Friday, November 21st
- No class will be held Monday, December 24th through Thursday, January 1st **2026** in observance of
Christmas Eve/Day and New Year's Eve/Day
- No class will be held Monday, January 19th, in observance of Martin Luther King Jr Day-
make up day Friday, January 23rd
- No class will be held Monday, February 16th in observance of Presidents Day-
make up day Friday, February 20th
- No class will be held Monday, May 25th in observance of Memorial Day-
make up day Friday, May 29th

Medical Terminology Course

Goals and Purpose: Common medical terminology is a critical part of the language used by health care practitioners. It is essentially a vocabulary that requires a uniform pronunciation, definition, and spelling of terms used by professionals. Individuals with medical terminology training are capable of analyzing and interpreting medical reports related to specific body systems.

Outcomes and Objectives

After successful completion of this program, the student will be able to:

- Identify medical terms and words by their component parts
- Define the body structure and its systems, cavities, planes, and positions
- Explain the importance of medical terminology in healthcare professions
- Define and build the medical terms associated with the body’s systems

Instructional Units/Hours of Instruction:

<i>Topic</i>	<i>Hours</i>
1. Introduction to Medical Terminology/Word part review	4
2. The Human Body in Health and Disease	2
3. The Skeletal System.....	2
4. The Muscular System	2
5. The Cardiovascular System	2
6. The Lymphatic and Immune System	2
7. The Respiratory System.....	2
8. The Digestive System	2
9. The Urinary System	2
10. The Nervous System and Mental Health	2
12. Special Senses: The Eyes and Ears.....	2
14. Skin: The Integumentary System.....	2
15. The Endocrine System	2
16. The Reproductive Systems	2
17. Diagnostic Procedures, Nuclear Medicine, and Pharmacology	2
19. Comprehensive Medical Terminology Review	4
20. Final Exam	4
40 didactic.....	Total Clock Hours – 40 Quarter Credit Hours-4

Instructional Method:

- Lecture
- Videos
- Workbook assignments
- Game assignments

Methods of Evaluation:

- Spelling quizzes
- Chapter quizzes
- Final exam

Course Requirements Grade scale is as follows:

- 90 – 100% = A
- 80 – 89.9%= B
- 70 – 79.9%= C
- 60 – 69.9%= D
- Below 59.9 = F

Medical Terminology:

8 Terminology quizzes, 50 pts each(400 pts)	40%
8 Terminology spelling tests, 25 pts each(200 pts).....	20%
8 Terminology homework assignments, 25 pts per assignment(200 pts).....	20%
<u>Terminology final exam(200 pts)</u>	<u>20%</u>
Total (1000 pts)	100%

2025 Medical Terminology Course Fees

Total Fees, Charges and Expenses

Application/Registration Fee	<u>\$200.00</u> (non-refundable)
Tuition	<u>\$600.00</u> (refundable)
Textbook	<u>\$135.00</u> (refundable if unused)
STRF fee	<u>\$0.00</u> (non-refundable)
Total Amount Paid to school	<u>\$935.00</u>

Out of pocket expenses are approximate (not paid to the institution)

Uniform/ shoes	<u>\$30.00</u> (non-refundable)
Total out of pocket expenses	<u>\$30.00</u>

Estimated schedule of total charges \$965.00

***This Program has NOT been approved for Veteran’s training benefits.**

2025 Medical Terminology Course Schedule

Day courses meet on Mondays from 9:00 am-1:00 pm for 10 weeks

(May include some Fridays to make-up for Holidays)

Day program Schedule 2025

Classes begin Monday, January 6th through Monday, March 10th

- No class will be held Monday, January 20th in observance of Martin Luther King-make up day Friday, January 24th
- No class will be held Monday, February 17th in observance of Presidents Day-make up day Friday, February 21st

Classes begin Monday, March 17th through Monday, May 19th

Classes begin Friday, May 30th through Monday, July 28th

- No class will be held Monday, May 26th in observance of Memorial Day-make up day Friday, May 30th

Classes begin Monday, August 4 through Monday, October 6

- No class will be held Monday, September 1 in observance of Labor Day-make up day Friday, September 5th

Classes begin Monday, October 13th through Monday, December 15th

Mid-day program meets Mondays from 1:30 pm-5:30 pm for 10 weeks

(May include some Fridays to make-up for Holidays)

Mid-day program Schedule 2025

Classes begin Monday, January 6th through Monday, March 10th

- No class will be held Monday, January 20th in observance of Martin Luther King-make up day Friday, January 24th
- No class will be held Monday, February 17th in observance of Presidents Day-make up day Friday, February 21st

Classes begin Monday, March 17th through Monday, May 19th

Classes begin Friday, May 30th through Monday, July 28th

- No class will be held Monday, May 26th in observance of Memorial Day-make up day Friday, May 30th

Classes begin Monday, August 4 through Monday, October 6

- No class will be held Monday, September 1 in observance of Labor Day-make up day Friday, September 5th

Classes begin Monday, October 13th through Monday, December 15th

Evening program meets Mondays from 6:00 pm-10:00 pm for 10 weeks

(May include some Fridays to make-up for holidays)

Evening program Schedule 2025

- **Classes begin Monday, January 6th through Monday, March 10th**
- No class will be held Monday, January 20th in observance of Martin Luther King-make up day Friday, January 24th
- No class will be held Monday, February 17th in observance of Presidents Day-make up day Friday, February 21st
- **Classes begin Monday, March 17th through Monday, May 19th**
- **Classes begin Friday, May 30th through Monday, July 28th**
- No class will be held Monday, May 26th in observance of Memorial Day-make up day Friday, May 30th
- **Classes begin Monday, August 4 through Monday, October 6**
- No class will be held Monday, September 1 in observance of Labor Day-make up day Friday, September 5th
- **Classes begin Monday, October 13th through Monday, December 15th**

Vocational Nurse Program

Goals and Purpose: The Contra Costa Medical Career College *Vocational Nurse* Program is committed to providing an environment that facilitates student success in acquiring the theory and technical skills pertinent to a professional *Vocational Nurse*. The program prepares students for entry-level positions leading to careers or career advancement in a number of health care facilities including hospitals, medical centers, skilled nursing facilities, outpatient clinics, and private practices. The program includes 714 hours of clinical experience that must be completed prior to graduation. Upon successful completion of the *Vocational Nurse* program, the student will receive a certificate of completion from Contra Costa Medical Career College. The graduate will be eligible to take the NCLEX exam, which relates to the practice of *Vocational Nurse* in California, to obtain licensure, as required for the practice of *Vocational Nurse*.

The following are pre-requisites and must be completed prior to submitting an application for consideration into the program:

1. Proof of completion of 12th grade education or equivalent (or higher degree)
2. Students must take and pass the Wonderlic SLE exam with a score of 19 or higher.
3. Students must take and pass the required entrance exam (HESI) with a minimum score of 70%
4. Current California Certified Nurse Assistant (CNA) certification, Medical Assistant (MA) Certificate, pharmacy technician program completion, or direct care experience

The following courses are **highly** recommended, but not required:

- Intro to Human Anatomy & Physiology 3.0 credits
- College Reading and Writing 4.0 credits.
- Pre-Algebra 3.0 credits
- Medical Terminology 3.0 credits

The application process for the Vocational Nurse program includes the additional elements of:

- Submission of a 150-word essay expressing “Why you want to be a nurse”.
- Successfully passing a background screening. **Note: Conviction of a misdemeanor or felony may constitute grounds for denial of licensure. Meet with the Director of Nursing to discuss any concerns before applying to this program.**
- An Interview with the Director of Nursing for final approval to enter the program.
- Attendance at the required Student Orientation

Outcomes and Objectives:

Graduates of the Vocational Nurse program will meet the following program objectives:

1. Know the scope of the maximum utilization of the vocational nurse as specified by the Nursing Practice Act.
2. Identify the client’s status on the wellness-illness continuum and its impact on well-being.
3. Utilize the nursing process in assessing, evaluating, planning, and implementing nursing care for the individual client or group.
4. Provide safe, effective, and individualized care for clients and consider diversity in all aspects of client care, including: gender, age, ethnicity, income level, sexual orientation, health status, religion, spirituality, political beliefs, national origin, and lifestyle.
5. Use therapeutic communication for client care and education.
6. Collaborate with the healthcare team in promoting and maintaining health, preventing disease and disability, caring for and rehabilitating individuals who are experiencing an altered health state and contributing to the ultimate quality of life until death.

7. Act in a professional manner upholding ethical and legal standards and safeguarding confidential information in providing evidence-based care.
8. Function as a committed life-long learner.

Instructional Methods:

- Lecture
- Field Trips
- Independent research/activities
- Small group discussions/activities
- Large group discussions
- Simulation
- Demonstration
- Practical Laboratory
- 1 on 1 instruction
- Role-play
- Multimedia
- Use of computers
- Textbooks/ Workbooks

REQUIRED VOCATIONAL NURSE PROGRAM HOURS

Course Title	Lecture Clock Hours	Laboratory Clock Hours	Clinical Clock Hours	Total Clock Hours
Term 1 – Fundamental Nursing	190	132	54	376
Term 2 – Medical/Surgical 1	178	32	184	394
Term 3 – Medical/Surgical 2	144	16	260	420
Term 4 – Obstetrics/Pediatrics/Leadership	129	60	216	405
Totals	641	240	714	1595

50 minutes = 1 clock hour

VOCATIONAL NURSE - COURSE DESCRIPTIONS

Term 1: Fundamental Nursing

Course Length: FT - 13 Weeks

190 Lecture Hours

132 Lab Hours

54 Clinical Hours

Quarter Credits: NA

Total Clock Hours: 376

This course introduces the nursing student to the evolution of nursing science, the development of vocational nursing, the vocational nurse's role, legal and ethical aspects of vocational nurses, basic nursing skills, nursing concepts based on human needs, Maslow's hierarchy of Needs, nursing theory, basic nutrition, human growth and development across the life span, medical terminology, patient safety, critical thinking, and the nursing process applied in clinical situations in caring for patients across the life span and from various cultural backgrounds and health beliefs. The course also introduces the nursing student to basic arithmetic and basic pharmacology to ensure patient safety when administering medications. This course introduces the normal anatomy and physiology, the interrelationships between structure and functions of human cells, tissues, and systems, and the effects of disease on body systems.

Term 2: Medical/Surgical 1

Course Length: FT - 13 Weeks

178 Lecture Hours

32 Lab Hours

184 Clinical Hours

Quarter Credit Hours: N/A

Total Clock Hours: 394

This course introduces the vocational nursing student to the etiologies, clinical manifestations, basic nursing assessment, diagnostic tests and procedures, medical management, nursing diagnoses and interventions, nursing skills, medication administration, patient teaching, prognosis, and medications involving human diseases relating to the integumentary, musculoskeletal, gastrointestinal, blood and lymphatic, cardiovascular, respiratory and urinary disorders. The vocational nursing student will learn to apply the nursing process and Orem's Self Care Deficit Nursing Theory in caring for adult patients with these health beliefs. The course also introduces the vocational nursing student to the nursing care and special need of gerontology patients, patients undergoing a surgical procedure and patients requiring rehabilitation and home health.

Term 3: Medical/Surgical 2

Course Length: FT - 13 Weeks

144 Lecture Hours

16 Lab Hours

260 Clinical Hours

Quarter Credit Hours: N/A

Total Clock Hours: 420

The course introduces the vocational nursing student to the etiologies, clinical manifestations, basic nursing assessment, diagnostic tests and procedures, medical management, nursing diagnoses and interventions, nursing skills, medication administration, patient teaching, prognosis and medications involving human diseases relating to the endocrine, reproductive, sensory, neurological, immunology disorders and oncology disorders as well as care for the patient with a psychiatric disorder. The vocational nursing student will learn to apply the nursing process and Orem's Self Care Deficit Nursing Theory in caring for adult patients with these disorders in the medical and surgical clinical setting and with respect to their cultural backgrounds and health beliefs. The course also introduces the vocational nursing student to the etiologies, clinical manifestations, basic nursing assessment diagnostic tests and procedures, medical management, nursing diagnoses and interventions, nursing skills, medication administration and patient teaching of psychiatric disorders.

Term 4: Obstetrics/Pediatrics/Leadership

Course Length: FT -13 Weeks

129 Lecture Hours

60 Lab Hours

216 Clinical Hours

Quarter Credit Hours: N/A

Total Clock Hours: 405

This course introduces the vocational nursing student to the nursing care and assessment of obstetric women, the stages of normal pregnancy, labor and delivery, childbearing practices of families from various cultures and settings, newborn assessment, high-risk pregnancy and complications, and patient education. The course also introduces the student to pediatric nursing care and assessment of the child and family and childhood diseases, and leadership and supervision. The student will utilize the nursing process and the Orem's conceptual framework in the care plan for the obstetric patients and families, pediatric patients and families and will demonstrate leadership and supervision in the clinical setting. The term ends with a review of program content and preparation for the NCLEX exam.

Immunization Requirements:

Students must provide proof of immunity for the following:

1. **TDAP:** Adult dose within the last 10 years.
2. **MMR:** Laboratory documentation of immunity titer or documentation of two doses of MMR vaccine. (Some clinical sites may require a titer)
3. **Hepatitis B:** Laboratory documentation of immunity or documentation of vaccine series, or signed declination (some clinical sites may require a titer)
4. **PPD/TB:** You must have 1 negative skin test within the last year. If your result is positive, a chest x-ray report is required. Some facilities require a 2-step skin test. You may also provide proof of a negative QuantiFERON-TB Gold test.
5. **Varicella:** Laboratory documentation of immunity or documentation of two doses of Varicella vaccine. (Some externship sites may require a titer)
6. **Flu Vaccine** is required from September through March during externship for certain facilities.
7. **COVID 19:** Documentation of vaccine or a signed waiver. (Some facilities may NOT accept waivers)
8. Proof of medical insurance
9. Current Physical Examination

***All students must be BLS Certified- for the healthcare provider.**

***A mandatory background check and drug screen is done on all students at acceptance.**

Grading Policy:

The student must complete a grade of a B (80%) or better during each module. A student who does not maintain an 80% or better will be dismissed from the program. Each module will include multiple quizzes with a cumulative exam at the end of the module. Each Module will be graded individually during the program. Grades are based on the student's work in the didactic classroom setting. Students must obtain a minimum average grade of 80% in didactic courses. Laboratory and clinical education is graded on a Pass/Fail basis. Students must pass the laboratory and clinical portions of the program to graduate.

GRADE SCALE:

Grade	Percentage
A	90%-100%
B	80%-89.9%
F	0%-79.9%
	Below 80% is FAILING.

P, F	Pass or Fail. These grades are given for Clinical rotations and are not counted in the CGPA.
TC	Transfer Credit. Students who receive Transfer Credit for courses taken at another institution will receive this grade. This grade does not affect the CGPA.
D, W	Drop or Withdrawal. Students who drop/withdraw from a course after the first five days of instruction receive this grade, which does not affect the CGPA. The credits attempted for this course will be counted toward the maximum time frame with no credits granted.

Grading weights are as follows:

Exams 40%

Homework	15%
HESI	10%
Group Project/Presentation	10%
<u>MidTerm/Final</u>	<u>25%</u>
=	100%

Evaluation Method

Quizzes will consist of multiple choice and true/false questions. Quizzes will cover classroom lectures, assigned readings, group activities, workbook materials, and clinical lab notes.

Tests/Midterms/Final will consist of multiple choice, true/false and short answer questions. Tests are cumulative in that each test will contain questions from material covered in all previous lectures within the present module. Tests will also cover assigned readings, group activities, lecture notes, workbook materials, and clinical lab notes.

Student Lab will allow the student to demonstrate knowledge of lecture components by simulating vocational nursing skills and techniques in the presence of the instructor. A competency check list must be maintained throughout the course. The student must satisfactorily complete the student lab component of the course to receive a passing didactic course grade.

Clinical Component will be completed concurrently with theory instruction. 714 clinical hours are required. Clinical sites will be arranged by CCMCC.

2025 Vocational Nurse Program Fees

Total Fees, Charges and Expenses

Application/Registration Fee	<u>\$200.00</u> (non-refundable)
Tuition	<u>\$29,560.00</u> (refundable)
HESI Entrance exam	* <u>\$50.00</u> (non-refundable)
*applied towards registration fee, if eligible.	
Wonderlic Exam	<u>\$0.00</u> (non-refundable)
STRF fee	<u>\$0.00</u> (non-refundable)
Total Amount Paid to school	<u>\$29,760.00.</u>

Out of pocket expenses are approximate (not paid to the institution)

Uniform/ shoes /Clinical Supplies	<u>\$250.00</u> (non-refundable)
Drug screen	<u>\$150.00</u> (non-refundable)
Background check	<u>\$No fee</u>
BVNPT Application	<u>\$600.00</u> (non-refundable)
Pearson Vue NCLEX Administrator	<u>\$220.00</u> (non-refundable)
DOJ Fingerprint	<u>\$32.00</u> (non-refundable)
FBI Fingerprint	<u>\$17.00</u> (non-refundable)
Fingerprint site approx.	<u>\$75.00</u> (non-refundable)
Total out of pocket expenses	<u>\$1,344.00.</u>

Estimated schedule of total charges \$31,104.00.

If you get a student loan, you are responsible for repaying the loan amount plus any interest.

***This Program is approved for Veterans' training benefits.**

2025 Vocational Nurse Program Schedule

Program Schedule

TERM 1: FUNDAMENTAL NURSING WEEKS 1-13

13 WEEKS TOTAL-376 CLOCK HOURS

MONDAY THROUGH THURSDAY 8:30AM-4:30PM *Days and Hours will vary.

TERM 2: MEDICAL/SURGICAL 1- WEEKS 14-26

13 WEEKS TOTAL-394 CLOCK HOURS

MONDAY THROUGH THURSDAY 8:30AM-4:30PM * Days and Hours will vary.

TERM 3: MEDICAL/SURGICAL 2- WEEKS 27-39

13 WEEKS TOTAL -420 CLOCK HOURS

MONDAY THROUGH THURSDAY 8:30AM-4:30PM * Days and Hours will vary.

TERM 4: OBSTETRICS/PEDIATRICS/LEADERSHIP- WEEKS 40-52

13 WEEKS TOTAL -405 CLOCK HOURS

MONDAY THROUGH THURSDAY 8:30AM-4:30PM * Days and Hours will vary.

2023-2024 Program Schedule

The Didactic/Laboratory Portion of the Program meets on Campus Monday-Friday 8:30 am-4:30 pm. (*Days and times will vary depending on the Term.*) The Clinical Portion of the program will be arranged, site TBD. (*Days and times will vary depending on the Clinical site.*)

May include add on days to make up for Holidays.

2024-2025 Program Schedule

2024-2025 Program Schedule

The Didactic/Laboratory Portion of the Program meets on Campus Monday-Friday 8:30 am-4:30 pm. (*Days and times will vary depending on the Term.*) The Clinical Portion of the program will be arranged, site TBD. (*Days and times will vary depending on the Clinical site.*)

May include add on days to make up for Holidays.

2024-2025 Program Schedule

Class begins Friday, January 12th 2024, through Friday, February 28, 2025

- No class will be held Monday, January 15th in observance of Martin Luther King Jr
- No class will be held Monday, February 19th in observance of Presidents' Day – make up day Thursday, February 15th
- No class will be held April 12th – 18th for TERM BREAK
- No class will be held Monday, May 27th in observance of Memorial Day – make up day Thursday, May 23rd
- No class will be held Wednesday, June 19th in observance of Juneteenth - make up day Thursday, June 20th
- No class will be held Thursday, July 4th in observance of Independence Day–
- No class will be held July 19th – 25th for TERM BREAK
- No class will be held Monday, September 2nd in observance of Labor Day - make up day Thursday, September 5th
- No class will be held October 25th – 31st for TERM BREAK
- No class will be held Monday, November 11th in observance of Veteran's Day- make up day Thursday, November 7th

- No class will be held Thursday, November 28th and 29th in observance of Thanksgiving Day
- No class will be held Tuesday, December 24th, and 25th in observance of Christmas- make up day Thursday, December 26th
- No class will be held Monday, December 30th through Thursday, January 10th in observance of New Years
 - No class will be held Monday, January 20th, in observance of Martin Luther King Day - make up day Thursday, January 16th
 - No class will be held Monday, February 17th, in observance of Presidents Day- make up day Thursday, February 20th

Class begins Monday, October 9 2024, through Friday, October 10, 2025

- No class will be held Monday, November 11th in observance of Veteran's Day- make up day Friday November 15
- No class will be held Thursday, November 28th and 29th in observance of Thanksgiving Day
- No class will be held December 8th – 13th for TERM BREAK
- No class will be held Tuesday, December 24th, and 25th in observance of Christmas-
- No class will be held Monday, December 30th through Thursday, January 3rd in observance of New Years
 - No class will be held Monday, January 20th, in observance of Martin Luther King Day - make up day Friday, January 24th
 - No class will be held Monday, February 17th, in observance of Presidents Day- make up day Friday, February 21st
 - No class will be held March 24 – 28 for TERM BREAK
 - No class will be held Monday, May 26th in observance of Memorial Day – make up day Friday, May 30
- No class will be held Thursday, June 19th in observance of Juneteenth - make up day Friday, June 27th
- No class will be held June 30 – July 3 for TERM BREAK
- No class will be held Thursday, July 4th in observance of Independence Day–
- No class will be held Monday, September 1 in observance of Labor Day - make up day Friday, September 5th

A Message from the President/CEO–

Thank you for choosing Contra Costa Medical Career College for your entrance into the Allied Health Profession. I am honored and proud that you have selected this institution to pursue your higher education goals. Our faculty and staff are proud of CCMCC and ALL it stands for. We take the success of our students personally and are very committed to meeting the needs of each of you who enroll at the college.

A primary goal of the college is to produce an educated, responsible member of society equipped with the skill sets and principles needed to be an exceptional, efficient, and safe health care provider. Our faculty is exceptional and work diligently to engage students in the teaching and learning process. Our staff is dedicated to ensuring that every student has the best opportunity in success in the completion of their educational objective. Students are encouraged to pursue their academic interests with the sincere support of our faculty and staff.

The physical environment of our new facility with its new and up to date equipment creates an environment where a student may apply him/herself and reach their true potential.

I would like to thank you again for choosing our college and we look forward to serving you.

Sincerely,

Stacey Orozco, RN

Stacey Orozco RN, President/Founder Contra Costa Medical Career College



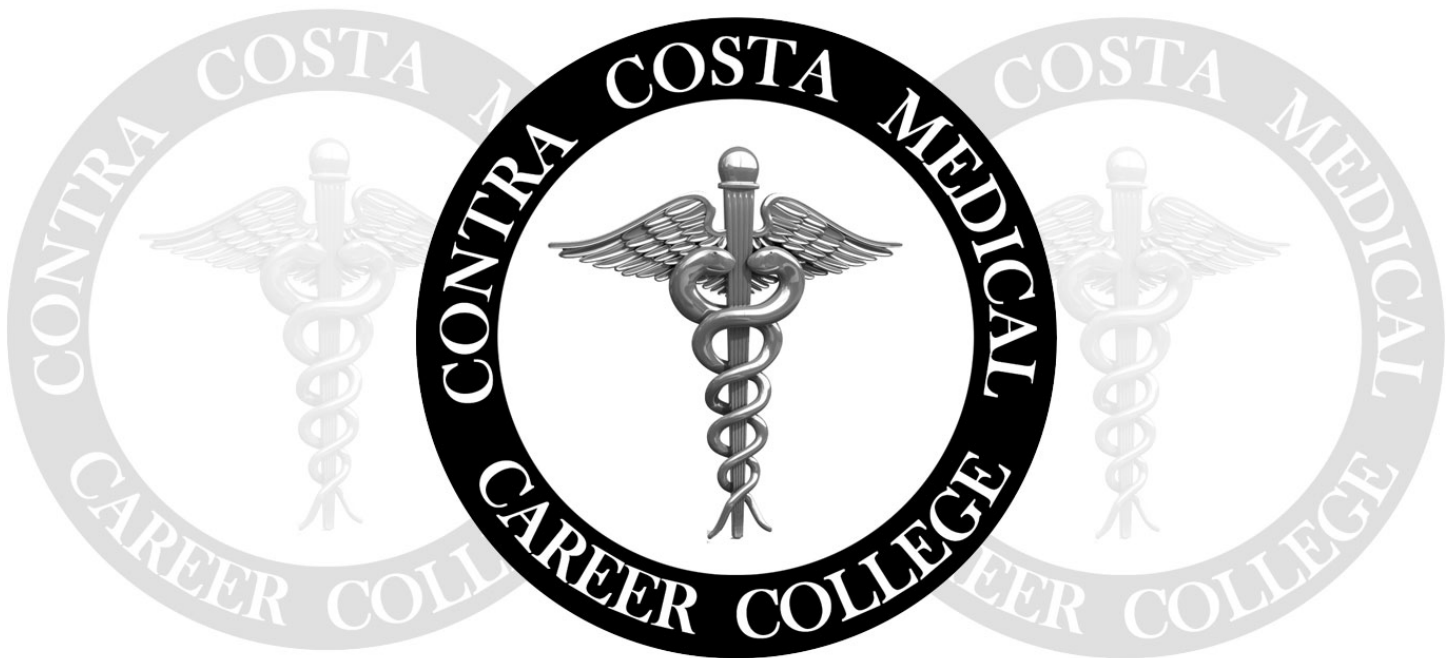


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