

HIGH SCHOOL SPRING 2025 COURSE CATALOG

Career Technical Education

CTE is a game changer for high school students. It not only provides an advantage in career exploration and preparation, but also allows you to earn elective credits, as well as industry, state, and/or national certifications. Additionally, many of these courses fulfill core subject requirements.

**SOCAL
ROC**

SOUTHERN CALIFORNIA
REGIONAL
OCCUPATIONAL
CENTER

WASC
ACCREDITING COMMISSION
FOR SCHOOLS

2300 Crenshaw Blvd, Torrance Ca 90501

About Us!

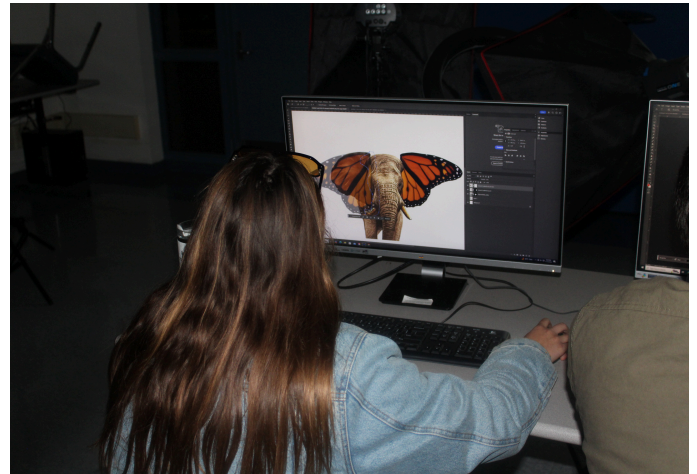
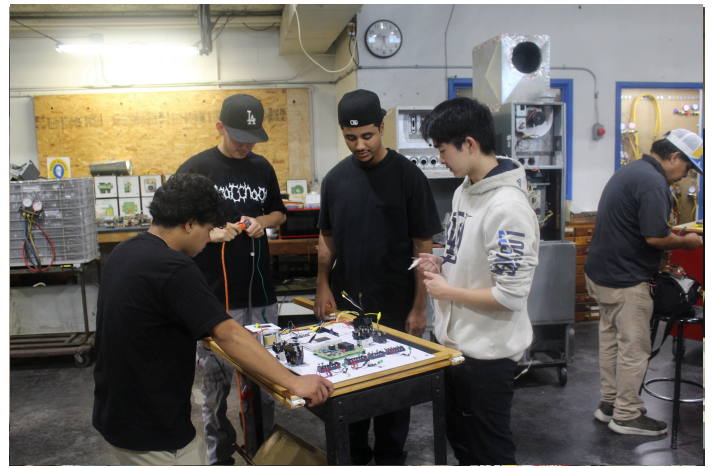
SoCal ROC is part of the California public school system that provides Career Technical Education (CTE) opportunities for high school and adult students. SoCal ROC offers more than 30 different courses, each part of a sequential pathway, approved by the California Department of Education. We offer exciting pathways that match what today's industries need, helping you get the skills you need for your future career. Whether you're fascinated by engineering, passionate about health sciences, dreaming of a business career, or want to express yourself through the arts, we have a program just for you!

We pride ourselves on our top-notch facilities and the individualized support we provide to each student. Here, learning goes beyond the usual textbooks and tests. We focus on sparking innovation, encouraging teamwork, and setting you up for lasting success. This hands-on approach ensures that you gain valuable experience and are prepared for both college and your desired career path.

Additionally, our experienced instructors, who are seasoned professionals in the industry, are devoted to your success and are determined to assist you every step of the way. Our courses are open to high school students, grades 9-12 and adults interested in retraining, moving up in their career, or changing careers. Join us at SoCal ROC and start your journey towards a rewarding career that can truly make a difference!

Jump Start Your Career with Hands-on Learning

Make the most of your high school experience and enroll in CTE! Enhance your skills, meet like-minded peers, and separate yourself from your peers with industry, state, and national certifications



REGISTRATION AND GENERAL INFORMATION

Registration

In-person registration for fall classes is now open. Registration is completed on a space available basis. Late registrations are accepted. Classes must have the required minimum number of student registrations as of the first class. Classes may be closed due to lack of enrollment. Course times and/or instructors may be subject to change based on course or program needs. To access course requirements and prerequisites please call registration at 310-224-4200 or email registration@scroc.k12.ca.us

How to Register?

High school students (9th-12th) can sign up either through their designated SoCal ROC Career Guidance Specialist or their school counseling offices. This tentative schedule as of 01/14/25 is distributed for information and registration purposes. SoCal ROC will provide updated schedules as needed.

Who Can Attend?

Any high school student, grades 9-12 may enroll at the Center. However, SoCal ROC partners with ESUSD, IUSD, MBUSD, PVPUSD, RBUSD, and TUSD, under the Joint Powers Agreement (JPA) and Options for Youth Public Charter high schools to provide courses for the Fall and Spring semesters; for details, contact your Career Guidance Specialist. Additionally, transportation may be provided for qualified applicants attending the 1:15 or 4:15 PM class sessions.

Earn HS Credit and Industry Certifications

When you sign up for our Career Technical Education courses, you'll not just gain high school elective credit and often A-G approved credits, but you'll also have the chance to acquire Industry, State, or National Certifications.

Accreditation

The Southern California Regional Occupational Center is accredited by the Western Association of Schools and Colleges (WASC) for secondary academic programs.



Career Guidance Specialist

Our career guidance specialists are dedicated to helping you discover a career path that aligns with your aspirations and objectives.

Collaborating closely with high school counselors, these specialists act as the link between students and career resources. They support students with enrollment and registration for all available classes, whether at their JPA High school or at the SoCal ROC campus. Additionally, they offer guidance on career pathways, aiding students and parents in selecting a Career Technical Education program that matches student interests and ensures appropriate program placement.

For assistance, high school students can reach out to the following Career Guidance Specialists based on their school district:

ESUSD | MBUSD | IUSD | PVPUSD | OFY (A-M) | Out-of-District (A-M)

Rocio Pineda-Contreras
Phone: (310) 224 4240
Email: RPCContreras@scroc.k12.ca.us

RBUSD | TUSD | OFY (N-Z) | Out-of-District (N-Z)

Ana Briseno
Phone: (310) 224 4239
Email: ABriseno@scroc.k12.ca.us

Uniform Complaint Procedure

Southern California Regional Occupational Center is committed to upholding the rights of all school stakeholders to access the benefits of public education in a supportive, equitable and caring environment. Should you have concerns about any type of misconduct, harassment, bullying, or non-compliance with Board policies or State or Federal laws, you may file a formal complaint by using the Center's Consolidated Complaint Form found on our website or the registration office.

Refund Policy

Students outside of our JPA districts, please be aware that there is a \$25.00 non-refundable registration fee on all refund requests, even if you have never attended a class session. After attending one or more class sessions no refunds will be granted.

KEEP YOUR RECEIPT IN A SAFE PLACE

No refund will be granted without the original receipt. You have up to two weeks from the first day of class to request a refund, provided you have not attended after the first class meeting. The administrative fee for a live scan may be refunded providing the live scan has not been completed.

Please note; \$25 processing fee for returned check

MISSION AND VISION STATEMENT

Mission Statement

The mission of SoCal ROC is to provide all students through industry-linked programs, the skills and knowledge necessary to attain their career goals in order to become economically self-sufficient and be a successful contributor to society and a global economy.

Our belief system and foundation is focused on our Schoolwide Learning Outcomes (SLOs):

Students will develop and execute a multi-year career plan by:

- Understanding Career Pathways
- Identifying a career area of focus
- Enrolling in a course within a Career Pathway
- Demonstrating job specific skills/competencies necessary to attain a course certificate
- Developing job readiness skills
- Pursuing training to advance in a Career Pathway
- Demonstrating knowledge of future career options

Students will demonstrate professional behavior in the workplace by:

- Communicating effectively
- Demonstrating leadership qualities that contribute to the organization
- Effectively managing time
- Building relationships through collaboration and teamwork
- Thinking critically/solving problems
- Dressing appropriately for a career
- Demonstrating flexibility, resiliency, and perseverance

Students will anticipate and adjust to ongoing economic and workforce trends by:

- Demonstrating entrepreneurial characteristics
- Demonstrating technological literacy
- Being resourceful and innovative
- Using resources to acquire knowledge
- Setting priorities and adapting as priorities change
- Taking courses that are aligned with current industry standards

Students will understand and demonstrate ethical and legal behavior by:

- Understanding and complying with all school rules and workplace regulation
- Treating all people with respect
- Demonstrating appreciation for cultural diversity
- Demonstrating honesty and integrity
- Demonstrating responsibility and accountability in fulfilling community and workplace roles
- Demonstrating appropriate customer service skills

Our Vision

All students will have the opportunity to participate in a high-quality, rigorous, and relevant course of study made up of Career Technical Education (CTE) courses aligned to CTE Standards and academic standards. Courses shall be reviewed on an annual basis with industry partners so as to meet industry standards and expectations ensuring that skills and theory taught will prepare students for further study and preparation for high skilled, high wage, and technologically “green” focused career areas of today and tomorrow.

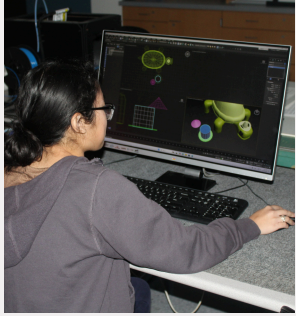
Design, Visual, and Media Arts Pathway

Animation

February 03, 2025 - June 11, 2025 (1 Semester) (M/W)

In a world increasingly driven by digital media, high school students can benefit immensely from learning animation. This dynamic skill offers a unique blend of creativity and technical expertise that can set you apart in numerous fields. Animation not only allows you to express your creative visions but also equips you with valuable problem-solving skills and a keen understanding of technology.

Introductory | #656 | Intro to 3D Modeling and Animation | M/W | 4:15pm - 7:00pm | 5 Elective Credits
Concentrator | #658 | 3D Character Design and Animation | M/W | 4:15pm - 7:00pm | A-G Credits
Concentrator | #636 | Creature Sculpting | Coming Fall 2025
Capstone | #638 | Advanced Creature Sculpting | Coming Fall 2025
Capstone | #659 | Advanced Character Design and Animation | M/W | 4:15pm - 7:00pm | 5 Elective Credits



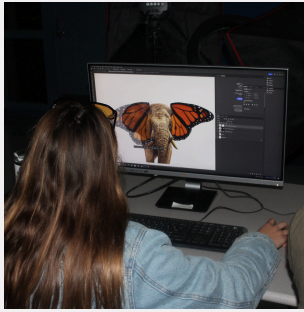
Graphic Design (Hybrid)

February 03, 2025 - June 11, 2025 (1 Semester) (M/W)

February 04, 2025 - June 12, 2025 (1 Semester) (T/Th)

Are you passionate about creativity and visual storytelling? Enrolling in Graphic Design courses might be the perfect next step for you! Our Graphic Design CTE courses offer hands-on learning experiences that are both engaging and practical. You'll get to work with industry-standard software like Adobe Photoshop and Illustrator, ensuring you're well-prepared for real-world projects. Not only will you learn the technical skills, but you'll also develop a keen eye for aesthetics and design principles. This comprehensive approach prepares you for a variety of career paths, from branding and advertising to web design and multimedia production.

Introductory | #248 | Media Design I (Photoshop) | M/W | 4:15pm - 7:00pm | A-G Credit
Concentrator | #247 | Media Design II (Illustrator) | T/Th | 4:15pm - 7:00pm | A-G Credit
Capstone | #347 | Advanced Media Design - InDesign | T/Th | 4:15pm - 7:00pm | Coming Fall 2025



Game Design and Integration Pathway

Game Design

February 04, 2025 - June 12, 2025 (1 Semester) (T/Th)

Our 3D Game Design courses open up a thrilling world where creativity meets technology, offering a gateway into the dynamic and ever-evolving gaming industry. This pathway is tailored for those who are passionate about video games and eager to transform their imaginative ideas into a digital experience. It's not just about playing games; it's about understanding the intricate mechanics behind them, the storytelling, the art, and the technology that brings them to life.

Introductory | #634 | Intro to 3D Game Design | T/Th | 4:15pm - 7:00pm | 5 Elective Credits
Concentrator | #635 | 3D Game Design: Character and Environment | T/Th | 4:15pm - 7:00pm | 5 Elective Credits
Capstone | #637 | 3D Game Design: Special Effects and Reels | T/Th | 4:15pm - 7:00pm | 5 Elective Credits



Fashion Design and Merchandising Pathway

Fashion Design

February 03, 2025 - June 12, 2025 (1 Semester) (M-Th)

Our Fashion Design CTE courses offer an incredible opportunity to unleash your creativity and transform your passion for fashion into a practical career. You will have access to industry-standard equipment and develop an in-depth understanding of the entire fashion design process including fashion trends, clothing construction, terminology, production, marketing, and much more. Create virtual 3D samples, understand patternmaking, and modify designs instantly using the industry-standard fashion design software, CLO.

Introductory | #632 | Fashion Design | M-Th | 4:15pm - 7:00pm | A-G Credit

Concentrator | #631 | Fashion Design Production | M - Th | 4:15pm - 7:00pm | 10 Elective Credits



SCHOOL OF ENGINEERING AND DESIGN

Welding and Materials Joining Pathway

Welding

February 03, 2025 - April 03, 2025 or April 14, 2025 - June 12, 2025 (8 weeks) (M-Th)

February 03, 2025 - June 11, 2025 (1 Semester) (M/W)

February 04, 2025 - June 12, 2025 (1 Semester) (T/Th)

SoCal ROC's Welding program consists of four modules and prepares you for an in-demand, lucrative career in the welding industry. We offer the flexibility and industry training you need to jumpstart your career and to prepare for the L.A. City 3G and 4G structural exam.

Introductory | #523 | Welding I | M - Th | 1:30pm - 4:15pm or 4:15pm - 7:00pm | A-G Credits (8 wks)

Concentrator | #2523 | Welding II | M-Th | 1:30pm - 4:15pm or 4:15pm - 7:00pm | A-G Credits (8 wks)

Concentrator | #3523 | Welding III | M-Th | 1:30pm - 4:15pm or 4:15pm - 7:00pm | A-G Credits (8 wks)

Capstone | #4523 | Welding IV | M-Th | 1:15pm - 4:15pm or 4:15pm - 7:00pm | A-G Credits (8 wks)

***Welding I/II/III/IV | M/W or T/Th | 7:00pm - 9:45pm | A-G Credits (1 semester)**

*refer to desired module for course ID number



Advanced Welding

Metal Fabrication

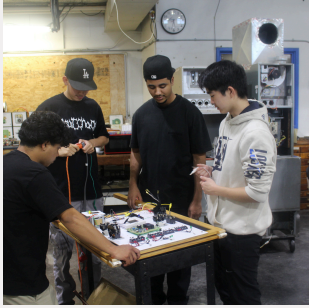
February 04, 2025 - June 12, 2025 (1 Semester)

Students will receive advanced training in welding with an emphasis on metal fabrication. This course is designed to challenge students and broaden their understanding of metal properties, welding techniques, and safety protocols.

#5523 | Advanced Welding: Metal Fabrication 1 | T/Th | 4:15pm - 7:00pm | 5 Elective Credits



Mechanical Systems Installation and Repair



Heating, Ventilation, Air Conditioning (HVAC)

February 03, 2025 - June 11, 2025 (1 Semester) (M/W)

February 04, 2025 - June 12, 2025 (1 Semester) (T/Th)

SoCal ROC's HVAC program consists of two modules where you will learn how to install, operate, and repair heating and air conditioning systems through project-based experiences and hands-on training in residential and commercial ventilation.

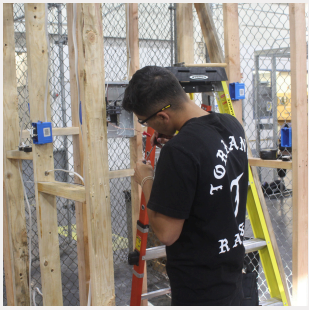
Concentrator | #1508 | HVAC I | T/Th | 4:15pm - 7:00pm | A- G Credits

Concentrator | #1508 | HVAC I | T/Th | 7:00pm - 9:45pm | A-G Credits

Capstone | #2508 | HVAC II | M/W | 4:15pm - 7:00pm | A- G Credits

Capstone | #2508 | HVAC II | M/W | 7:00pm - 9:45pm | A-G Credits

Residential and Commercial Construction



Residential Electrical Wiring

February 03, 2025 - June 11, 2025 (1 Semester) (M/W)

February 04, 2025 - June 12, 2025 (1 Semester) (T/Th)

Residential electrical wiring is essential for powering homes safely and efficiently. High school students can learn the basics as a practical skill for potential careers. Understanding electrical circuits, color codes for wires (hot, neutral, ground), and prioritizing safety by turning off power before working are key aspects of learning about residential wiring.

Concentrator | #1514| Residential Electrical Wiring | M/W | 4:15pm - 7:00pm | 5 Elective Credits

Concentrator | #514| Residential Electrical Wiring | T/Th | 4:15pm - 7:00pm | 5 Elective Credits



Plumbing

February 4, 2025 - January 29, 2026 (2 Semesters) (T/Th)

SoCal ROC's two semester Plumbing program teaches practical skills and prepares students for real-world scenarios using modern tools. Industry-experienced instructors mentor students, fostering community, teamwork, critical thinking, and problem-solving skills. The course equips you for various paths, including further education, employment, or entrepreneurship.

Concentrator | #574 | Plumbing | T/Th | 7:00pm - 9:45pm | 10 Elective Credits

Systems, Diagnostics, Service, and Repair

Automotive

February 03, 2025 - June 12, 2025 (1 Semester) (M-Th)

Jumpstart your career in the Automotive Repair Industry! Our program consists of four Automotive modules and two engine performance modules. Each module is aligned with Automotive Service of Excellence (ASE) certifications. SoCal ROC has formed a partnership with Honda and Ford, offering students a competitive edge through the opportunity to earn certifications and specific training from both brands.

Introductory | #559 | Automotive I | M-Th | 1:30pm - 4:15pm or 4:15pm - 7:00pm | A - G Credits
Concentrator | #2559 | Automotive II | M-Th | 1:30pm - 4:15pm or 4:15pm - 7:00pm | A - G Credits
Capstone | #3559 | Automotive III | M-Th | 1:30pm - 4:15pm or 4:15pm - 7:00pm | A - G Credits
Capstone | #4559 | Automotive IV | M-Th | 1:30pm - 4:15pm or 4:15pm - 7:00pm | 10 Elective Credits
Concentrator | #551 | Engine Performance I | M-Th | 7:00pm - 9:45pm | 10 Elective Credits



SCHOOL OF HEALTH SCIENCES

Patient Care

Kinesiology/Sports Medicine (Hybrid)

February 03, 2025 - June 11, 2025 (1 Semester) (M/T/W)

Students learn how the study of human movement and exercise affects the body in obtaining optimal health, physical skill, and total fitness. Our Kinesiology/Sports Medicine course will increase our student's knowledge and understanding about human physiology and the adaptations that occur during exercise. This course will give the student an excellent foundation in the study of Kinesiology and the ability to explore many career choices applying Kinesiology.

Introductory | #459 | Kinesiology/Sports Medicine | M/T/W | 4:15pm - 7:00pm | A-G Credits

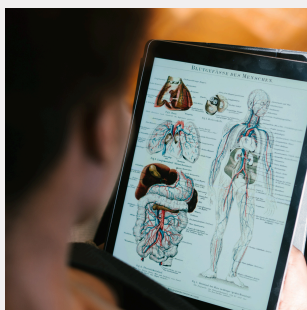


Anatomy and Medical Terminology (Hybrid)

February 04, 2025 - June 12, 2025 (1 Semester) (T/Th)

Develop a fluency and gain confidence in the highly specialized language of health. Our Anatomy and Medical Terminology course prepares you to analyze, define, pronounce, and comprehend medical language. The subject matter covered in this course can be applied across all fields of healthcare and can help separate you from the saturated pool of students seeking admissions into medical programs.

Concentrator | #493 | Anatomy and Medical Terminology | T/Th | 4:15pm - 7:00pm | A-G Credits



Dental Assisting



February 03, 2025 - April 03, 2025 (8 weeks) (M-Th)

April 14, 2025 - June 12, 2025 (8 weeks) (M-th)

Our Dental Assisting for High School Students course introduces you to the dental field and prepares you for our Dental Assisting - Career Preparation course. After successful completion of our program you will have the certifications needed (Dental Radiology Safety Compliance, Dental Practice Act, and Infection Control Certificates) to join the workforce and continue your education in the dental field.

Concentrator | #433 | Dental Assisting | M- Th | 4:15pm - 7:00pm | A-G Credits

Capstone | #444 | Dental Assisting Career Preparation | M- Th | 4:15pm - 7:00pm | A-G Credits | Externship Required (Seniors only)

Sterile Processing Distribution Technician (Hybrid)



February 03, 2025 - June 12, 2025 (1 Semester) (M-Th)

The SPDT program prepares you for an exciting career in Sterile Processing Distribution. Following the COVID-19 pandemic, healthcare facilities have placed an increase emphasis on sterilization and avoiding cross-contamination, which has led to a high-demand for qualified SPD technicians. This field requires no prior experience and acts as a great introduction to the healthcare field. SPDT positions work at all hours of the day and offer a flexible schedule in a full-time, part-time, per diem, or traveling role.

Capstone | #429 | SPD Technician | M - Th | 4:15pm - 7:00pm | A-G Credit (Must be 17 1/2 +)

Health Care Administrative Services Pathway

Health Unit Coordinator/ EKG Monitor Technician (Hybrid)



February 04, 2025 - June 12, 2025 (1 Semester) (T/Th)

The Health Unit Coordinator/EKG Monitor Technician program is a great opportunity to jumpstart your career in the medical field! This course prepares you for a variety of healthcare roles, including unit secretary and cardiac monitor technician in hospitals and clerical staff in physicians' offices, outpatient surgical units and nursing homes.

Capstone | #483 | Health Unit Coordinator/EKG Monitor Tech | T/Th | 7:00pm - 9:45pm | A-G Credits (Must be 17 1/2 +)

Medical Front Office (Hybrid)



February 03, 2025 - June 11, 2025 (1 Semester) (M/W)

This one semester course is designed to prepare you to obtain an entry-level position in the front office of a doctor's office or medical clinic. You will learn administrative office skills including: receptionist duties, telephone techniques, appointment scheduling, introduction to insurance claims processing, financial management of the office, written communications, and medical terminology and abbreviations.

Capstone | #414 | Medical Front Office | M/W | 4:15pm - 7:00pm | A-G Credits

Emergency Response Pathway

Emergency Medical Technician

February 03, 2025 - June 11, 2025 (1 Semester) (M/W)

February 04, 2025 - June 12, 2025 (1 Semester) (T/Th)

February 03 - June 12, 2025 (1 Semester) (M-Th)

This program consists of two courses: Emergency Medical/First Responder and Emergency Medical Technician. Once you complete both courses you will have the skills needed to take the NREMT and become a certified Emergency Medical Technician.

Concentrator | #405 | Emergency Medical/First Responder | M/W | 4:15pm - 7:00pm | A-G Credits

Concentrator | #1405 | Emergency Medical/First Responder | T/Th | 4:15pm - 7:00pm | A-G Credits

Capstone | #409 | Emergency Medical Technician | M - Th | 7:00pm - 9:45pm | A-G Credits |

Externship Required (HS seniors only)



Animal Science Pathway

Pet Health and Grooming

February 03, 2025 - June 11, 2025 (1 Semester) (M/W)

February 04, 2025 - June 12, 2025 (1 Semester) (T/Th)

Do you love working with animals and would like to turn that love into a career? Pet grooming is a fast growing and in-demand field that can lead to self-employment! You will learn to perform animal grooming duties such as washing, brushing, clipping and trimming coats, cutting nails, and cleaning ears. This course also covers how to interpret animal behavior and identify grooming needs on live dogs!

Concentrator | #273 | Pet Health and Grooming | M/W | 4:15pm - 7:00pm | 5 Elective Credits

Capstone | #274 | Advanced Pet Health and Grooming | T/Th | 4:15pm - 7:00pm | 5 Elective Credits



Veterinary Assistant

February 03, 2025 - June 12, 2025 (1 Semester) (M-Th)

Our Veterinary Assistant course is an introductory course designed to act as a starting point for students interested in pursuing a career working with animals as an animal trainer, veterinarian, zookeeper and so much more! Upon successful completion of this course, you will be qualified for Veterinary Assistant positions and have fundamental knowledge to further your course of study at SoCal ROC through our Veterinary Science course!

Concentrator | #223 | Veterinary Assistant | M - Th | 4:15pm - 7:00pm | A-G Credits



Veterinary Science

February 03, 2025 -June 12, 2025 (1 Semester) (M-Th)

Our Veterinary Science course is an advanced level course that is taken after completing our Veterinary Assistant course. This course will offer you the opportunity to acquire advanced animal principles and prepare you for advanced post-secondary level education in animal science, biology, and/or zoology by providing a sound platform for you to master the knowledge and skills needed to pursue a rewarding career as part of the veterinary professional team dedicated to providing the best animal and public health care available.

Capstone | #322 | Veterinary Science | M - Th | 7:00pm - 9:45pm | A-G Credits



SCHOOL OF PUBLIC AND CONSUMER SERVICES

Personal Services Pathway

Barbering

February 03, 2025 -June 12, 2025 (1 Semester) (M-Th)

Our Barbering course is made up of four semesters and prepares you to complete the 1,000 hours of training necessary to take the California State Board Barbering Examination. In a barber shop environment, you will receive personal attention and instruction from industry professionals. (In-person)

#354 | Barbering | M-Th | 1:30pm - 5:00pm | 10 Elective Credits (1 of 4) (Must be 16+)



Cosmetology

February 03, 2025 -June 12, 2025 (1 Semester) (M-Th)

Our Cosmetology program provides you the opportunity to complete the 1,000 theoretical and practical hours of training required for certification, and pass the California Board of Barbering and Cosmetology examination. **(Must be 16+)**

Introductory | #1432 | Cosmetology I | M-Th | 4:15pm - 9:45pm | A-G Credits

Concentrator | #2432 | Cosmetology II | M-Th | 1:30pm - 5:00pm | 10 Elective Credits (Only for current students)

Concentrator | #2432 | Cosmetology II | M-Th | 4:15pm - 9:45pm | 20 Elective Credits

Capstone: #3432 | Cosmetology III | M-Th | 4:15pm - 9:45pm | 20 Elective Credits



LAHC DUAL ENROLLMENT

College Credit Courses

(each course is 1 college semester credit)



Counsel 04 - Career Planning

February 12, 2025 - May 21, 2025 (W)

Counsel 004 is a great opportunity for you to take an in-depth look into your career path. The course includes vocational interest tests, various self-appraisal techniques, and information regarding occupational characteristics, trends, entry level, and career ladder roles.

#139 | Counsel 04 - Career Planning | W | 4:15pm - 5:30pm | 1 unit of college credit



Counsel 17 - College Survival Skills

February 12, 2025 - May 21, 2025 (W)

Counsel 17 provides you with a variety of survival skills necessary to be a successful college student. Course includes instruction in using the library, study skills, time management, effective communication, self-esteem, stress management, and developing a healthy lifestyle.

#140 | Counsel 17 - College Survival Skills | W | 5:45pm - 7:00pm | 1 unit of college credit

Request Info



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