



HIGH SCHOOL 2024 FALL COURSE CATALOG

Career Technical Education

CTE is a gamechanger for high school students. Not only do you get a head start in career exploration and preparation, you also earn elective credits and many courses satisfy core subject requirements.

**SOCAL
ROC**

SOUTHERN CALIFORNIA
REGIONAL
OCCUPATIONAL
CENTER



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.

Our CTE classes cover a wide range of fields, from construction trades to healthcare to creative media. These courses are not only about gaining knowledge; they're about applying what you learn in real-world scenarios. 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.

Jumpstart 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 take a significant step towards your professional growth.



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. **Students from the six school districts (ESUSD, IUSD, MBUSD, PVPUSD, RBUSD, TUSD)** under the Joint Powers Agreement (JPA) will **have priority registration and won't be charged for Fall and Spring classes**. Students from districts outside the JPA can still enroll but will need to pay for classes or seek financial assistance. **Transportation services are available for JPA high school students**; for details, contact your Career Guidance Specialist. Out-of-District students should contact registration at 310-224-4200 for information on course fees or email registration@scroc.k12.ca.us

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.



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.

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

Rocio Pineda-Contreras

Phone: (310) 224 4240

Email: RPCContreras@scroc.k12.ca.us

RBUSD | TUSD

Ana Briseno

Phone: (310) 224 4239

Email: ABriseno@scroc.k12.ca.us

Out-of-District

Registration

Phone: (310) 224 4200

Email: registration@scroc.k12.ca.us

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

September 09, 2024 - January 29, 2025 (1 Semester)

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.

(In-person)

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 Credit
Capstone | #659 | Advanced Character Design and Animation | M/W | 4:15pm - 7:00pm | 5 Elective Credits



Graphic Design

September 9/10, 2024 - January 28/29, 2025 (1 Semester)

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.

(Hybrid)

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



Game Design and Integration Pathway

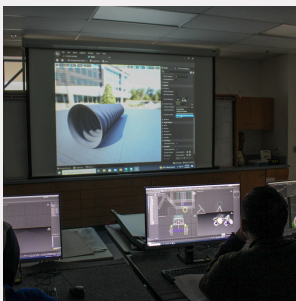
Game Design

September 10, 2024 - January 28, 2025 (1 Semester)

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.

(In-person)

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



Fashion Design and Merchandising Pathway

Fashion Design

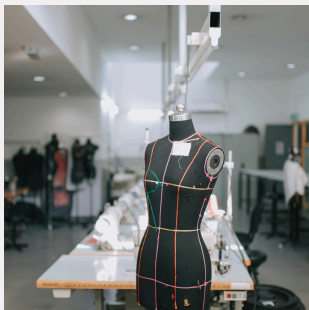
September 9, 2024 - January 29, 2025 (1 Semester)

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. All students will produce and display their own clothing line at the SoCal ROC Fashion Show!

(In-person)

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

September 9, 2024 - November 07, 2024 or November 12, 2024 - January 29, 2024 (8 weeks) or September 9/10, 2024 - January 28/29, 2025 (1 Semester)

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.

(In-person)

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

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

Concentrator | #3523 | Welding III | M-Th | 1:15pm - 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 number



Mechanical Systems Installation and Repair

Heating, Ventilation, Air Conditioning (HVAC)

September 9/10, 2024 - January 28/29, 2025 (1 Semester)

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.

(In-person)

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

September 9/10, 2024 - January 28/29, 2025

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.

(In-person)

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

September 10, 2024 - June 12, 2025 (2 Semesters)

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.

(In-person)

Concentrator | #574 | Plumbing | T/Th | 4:15pm - 7:00pm | 10 Elective Credits



Systems, Diagnostics, Service, and Repair

Automotive

September 9, 2024 - January 29, 2025 (1 Semester)

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.

(In-person)

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



Patient Care



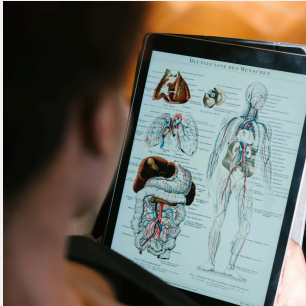
Physical Therapy Aide

September 9, 2024 - January 29, 2025 (1 Semester)

In our Physical Therapy Aide course you will learn about anatomy, patient care, and therapeutic techniques, which are valuable in various healthcare settings. This foundation can serve as a stepping stone for further studies in physical therapy or other healthcare professions. By enrolling in this CTE course, you will gain a head start in a field that is not only in high demand but also offers the opportunity to make a meaningful, positive impact on people's lives.

(Hybrid)

Introductory | #670 | Physical Therapy Aide | M-Th | 4:15pm - 7:00pm | A-G Credits



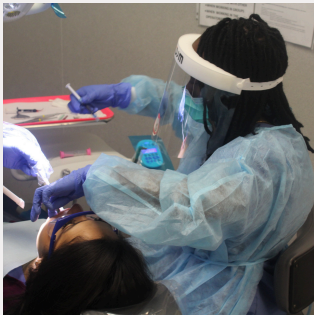
Anatomy and Medical Terminology

September 10, 2024 - January 28, 2025 (1 Semester)

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.

(Hybrid)

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



Dental Assisting

September 9, 2024 - November 7, 2024 (8 weeks) and November 12 - January 29, 2025 (8 weeks)

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.

(In-person)

Concentrator | #433 | Dental Assisting (HS students only) | M- Th | 4:15pm - 7:00pm | A-G Credits

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



Sterile Processing Distribution Technician

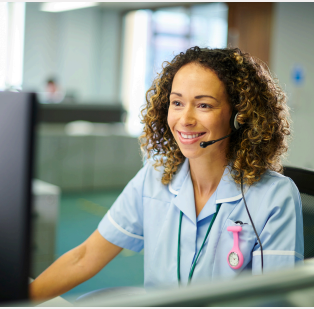
September 9, 2024 - January 9, 2025 (1 Semester)

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.

(Hybrid)

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

Health Care Administrative Services Pathway



Health Unit Coordinator/ EKG Monitor Technician

September 10, 2024 - January 28, 2025 (1 Semester)

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.

(Hybrid)

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

September 9, 2024 - January 29, 2025 (1 Semester)

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.

(Hybrid)

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

Emergency Care Pathway



Emergency Medical Technician

September 9/10, 2024 - January 28/29, 2025 (1 Semester)

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.

(In-person)

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
(HS seniors only)

Animal Science Pathway



Pet Health and Grooming

September 9/10, 2024 - January 28/29, 2025 (1 Semester)

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!

(In-person)

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

September 9, 2024 - January 29, 2025 (1 Semester)

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!

(In-person)

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

Veterinary Science

September 9, 2024 - January 29, 2025 (1 Semester)

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.

(In-person)

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



SCHOOL OF PUBLIC AND CONSUMER SERVICES

Personal Services Pathway

Barbering

September 9, 2024 - January 29, 2025 (1 Semester)

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

September 10, 2024 - January 28, 2025 (1 Semester)

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.

(In-person)

#432 | Cosmetology | M-Th | 1:30pm - 5:00pm | A-G Credits (1 of 4) (Must be 16+)

#432 | Cosmetology A | M-Th | 4:00pm - 9:45pm | A-G Credits (1 of 3) (Must be 16+)



LAHC DUAL ENROLLMENT

Counsel 04 - Career Planning

September 11, 2024 - December 18, 2024

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.

(In-person)

#139 | Counsel 04 - Career Planning | W | 4:15pm - 5:30pm | 1 unit of college credit and 3 Elective Credits



Counsel 17 - College Survival Skills

September 11, 2024 - December 18, 2024

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.

(In-person)

#140 | Counsel 17 - College Survival Skills | W | 5:45pm - 7:00pm | 1 unit of college credit and 3 Elective Credits



Request Info



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