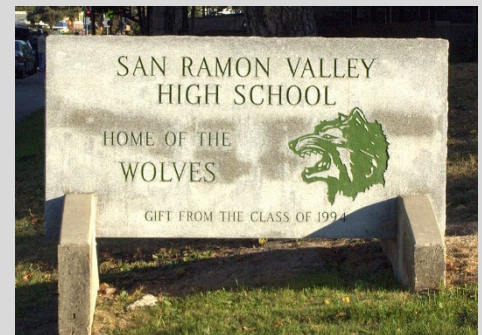




SAN RAMON VALLEY HIGH SCHOOL

Your future starts here!



CTE COURSE CATALOG

(Career Technology Education)

501 Danville Blvd, Danville, CA 94526
925.552.3000 FAX: 925.838.7802

OUR MISSION

The mission of the Career Technical Education programs at San Ramon Valley High School is to prepare quality citizens for lifelong productivity in a changing and challenging world by forming innovative partnerships among family, friends, school and community.

In addition to preparation for direct entry into the workforce, our students are preparing to enroll in both professional programs and college studies. Many two and four year institutions offer programs of study which complement the occupational and technical courses that we offer.

At SRVHS, we value our status as a member of the greater Danville community. We are committed to developing partnerships with local businesses to spread the educational experience of our students beyond the walls of San Ramon Valley High School.

What starts here changes your world!

PROGRAMS

Culinary Arts

✓Culinary Arts 1 ✓Culinary Arts 2

Education/Child Development

✓Careers in Teaching 1 ✓Careers in Teaching 2 (Careers in Education II P)

Sports Med

✓Sports Medicine ✓Sports Medicine - Advanced

Transportation

✓Auto 1 ✓Auto 2 ✓Auto Technology

iQuest – Internships – follow your passion outside of the classroom into the work world as an Intern

General Information

A to G Requirements

Attendance Policy

Career Technical Education (CTE)

High Priority Occupations

Pathways



CULINARY ARTS



The Culinary Arts Program prepares students for a wide variety of entry level positions in the Culinary Arts industry. The program introduces students to the necessary culinary and basic management skills that are critical in today's hospitality industry. These classes operate similar to a restaurant kitchen but with more fun! You will strengthen your culinary skills as well as add new flavor to your academic schedule in a friendly and sociable environment. Both Culinary Arts 1 & 2 are CSU and UC approved A-G electives!! As a senior, you can also take the iQuest class to start building a career with an Internship while still in high school.

PROGRAM CONCENTRATIONS:

- Knife Skills
- Sanitation and Food Safety
- Equipment Identification
- Soups and Sauces
- Nutrition
- Fish and Shellfish
- Starches
- Vegetables
- Meat and Poultry Identification
- Baking

CAREER OPTIONS:

- Line Cook/Prep Cook
- Chef/Sous Chef
- Caterer
- Baking & Pastry Arts
- Food Stylist
- Butcher
- Server/food runner/host or hostess
- Food Truck Owner
- Restaurant owner/manager



Meets CSU/UC “g” Requirement

SALARY RANGES:

- Executive Chef~\$93,125
- Chef~\$64,176
- Pastry Chef~\$67,190

GUEST SPEAKERS:

- The Culinary Institute of America
- Johnson & Wales
- The Art Institutes
- Diablo Community College

COLLEGE OPPORTUNITIES:

- The Culinary Institute of America
 - Hyde Park, NY
 - St. Helena, CA
- Diablo Valley College
- Johnson & Wales in Rhode Island

RESTAURANTS THAT STUDENTS HAVE WORKED WITH:

- Rodney Worth
 - Peasant & the Pear
 - The Peasant’s Courtyard
 - The Little Pear
 - Worth Ranch
- Esin Restaurant & Bar

EDUCATION/CHILD DEVELOPMENT



The Education/Child Development program offers training in the field of education. Effective foundations of teaching and learning, critical issues in education, student diversity and career options are emphasized. Active class participation through field work at school sites under the guidance of mentor teachers is required. Transitional Kindergarten through Fifth grade as well as Special Education classes are included. California faces significant challenges in recruiting and retaining teachers, needing an additional 100,00 teachers over the next decade! These courses will allow you the opportunity to earn free college credit from DVC and Sonoma State which is 100% transferable to the UC and the state college system.

PROGRAM CONCENTRATIONS:

- Planning and providing a safe and healthy learning environment
- Observing children's behavior
- Understanding principles of child development and learning
- Managing effective programs
- Creating lessons appropriate for various age levels

CAREER OPTIONS:

- Educators
- Teacher Assistants
- Childcare Workers
- Nannies
- Recreation Workers
- Private Tutors
- Independent Contractor



Meets CSU/UC “g” Requirement

SALARY RANGES:

- Teacher~\$52,947-\$100,163
- Paraprofessional~\$32,455-\$86,694
- Special Education Teachers~\$59,780-\$110,163

CERTIFICATIONS:

- Volunteer Hours
- Letters of Recommendation
- CPR

COLLEGE CREDIT OPPORTUNITIES:

- Diablo Valley College – 3 credits
 - Transferable to UC and state colleges – EDUC 120
- Sonoma State University – 3 credits
 - Transferable to UC and state colleges – EDUC 150

SCHOOLS STUDENTS WORK WITH:

- Montair
- Rancho Romero
- Vista Grande
- Greenbrook
- SRV Christian Academy

SPORTS MED



The Sports Medicine program is designed to prepare students for a number of technical fields related to kinesiology. Instruction includes theory and applications related to: athletic training, injury evaluation, rehabilitation, medical terminology, strength training and high intensity training, nutrition, exercise programming, exercise physiology, mental health and wellness, anatomy and physiology, and pathophysiology. Students taking this class may be eligible for an after-school sports medicine practicum with the school's athletic teams. As a senior, students will have the opportunity to utilize the iQuest program to start building a career with an Internship while still in high school.

PROGRAM CONCENTRATIONS:

- Anatomy and Physiology
- First Aid and CPR
- Injury Recognition
- Evaluation and Assessment of Injuries
- Taping and Bracing
- Therapeutic Exercise and Restorative Care
- Nutrition and Weight Management
- Strength and conditioning
- Medical Terminology and documentation
- Exercise Physiology
- Biomechanics Assessment
- Use of Therapeutic Modalities

CAREER OPTIONS:

- Physician Assistant
- Physical Therapist
- Physical Therapist Assistant
- Occupational Therapist
- Nutritionist
- Personal Trainer



Meets CSU/UC "g" Requirement

SALARY RANGES:

- Athletic Trainer ~ \$55,630
- Personal Trainer ~ \$48,160
- Physical Therapist ~ \$95,400
- Physical Therapist Assistant ~ \$55,490
- Occupational Therapist ~ \$91,910
- Nutritionist ~ \$68,920

CERTIFICATIONS:

- CPR
- First Aid

GUEST SPEAKERS:

- Physicians & Nurses
- Physician Assistants
- EMT's & Paramedics
- Physical Therapist
- Chiropractors
- Technicians

COMPANIES STUDENTS HAVE WORKED WITH:

- Muir Orthopedics

TRANSPORTATION



The Transportation program teaches students how to maintain their vehicles, perform basic repairs, while learning the theory and history of vehicle systems. It has been specifically designed to prepare students to continue their training at post-secondary schools, or within industry. The program follows the ASE (Automobile Service Excellence) program of study task list and similarly California's program of study. With these skills, students will have a solid base to begin a career as auto technicians. As seniors they will have the opportunity to utilize the iQuest program to start building a resume with an Internship while still in high school.

PROGRAM CONCENTRATIONS:

- General Maintenance
- Safety
- Vehicle system theory
- Driveline Repair
- Brakes
- Steering Suspension
- Electrical/Electronic Systems
- Engine Electrical
- Fabrication

CAREER OPTIONS:

- Automotive Dealer/Franchise Technician
- Automotive Independent Technician
- Automotive Parts Counter Person
- Automotive Service Advisor
- Fabricator
- Service Writer
- Welder
- Machinist



SALARY RANGES:

- Specialty Technician~\$96,287
- Dealership/Shop Foreman~\$72,280
- Line Technician~\$53,000
- Tire or Lube Technician~\$34,480

VEHICLE SYSTEM THEORY INCLUDE LAB INSTRUCTION IN:

- Electrical
- Drivetrain
- Suspension
- Fuel injection
- Transmission
- Axels & differentials
- 4-wheel drive & all-wheel drive
- Chassis construction
- Brakes
- Engine mechanics & Combustion (VVT, diesel, and other technologies)

GUEST SPEAKERS:

- Universal Technical Institute
- Local Unions
- Master Technicians
- Professionals from various pathways in the field

iQuest



iQuest is a community based learning opportunity that allows high school seniors the “gift of time.” Students will work as **Interns** in their field of choice while still in high school. Seniors can choose between working with a mentor as an Intern or through the use of a mentor, create a self-study that connects to their individual interests. Interns are empowered to follow their dream and take ownership of their education while under the watchful eye of professionals. The practical experience gained through this program will enhance their high school education beyond the traditional classroom while preparing for college and/or the work world. Students are required to complete an application and a formal interview before being considered for this program.

An Internship looks great on your college application!

PROGRAM CONCENTRATIONS:

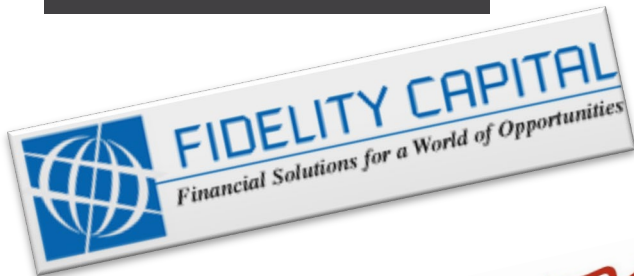
- Internship or Independent Study Plan
- Goals Development
- Time Management
- Leadership skills
- Soft Skills
- Work Etiquette
- Weekly on campus Seminar
- JA Social Innovation Camp

CAREER OPTIONS:

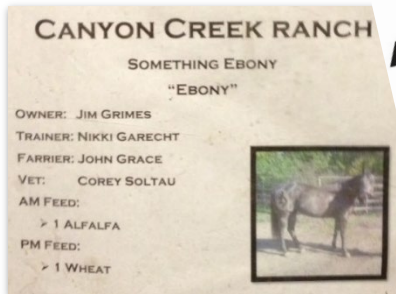
Career options are as varied as the students in the class. Previous Internships include:

- Firefighters
- Lawyers
- Pediatric Nurse
- Graphic Designer
- Video Production
- Veterinary doctor
- _____ you fill in the blank!

PAST LOCATIONS FOR iQUEST INTERNS:



San Ramon Valley Christian Academy



**TASSAJARA
VETERINARY
CLINIC**



GENERAL INFORMATION

A-G Requirements

One of the things that makes the public higher education systems in California the best in the world is the high standards that UCs and CSUs require for admission. The University of California (UC) and California State University (CSU) require entering freshmen to complete certain courses in high school, commonly known as the "A-G requirements" because of the letter each subject area is assigned. To receive "A-G" credit, a high school course must be certified through the UC course approval process. To be considered for admission to a UC or CSU, high school students must take a minimum of 15 UC approved college preparatory classes. Students must earn a minimum of a "C" grade in the A-G courses in order for the course to count towards meeting the requirement. Meet with your counselor if you have any questions regarding these requirements.

Attendance Policy

Students must maintain an excellent attendance record in order to develop the skills, knowledge, attitude and behavior necessary to succeed in high school, post-secondary education and employment. Active class participation is enhanced by project based learning, hands-on activities as well field work and lab work in each of these classes. Class attendance is a student's obligation and responsibility. Students who abuse the attendance policy may be denied the opportunity to continue in their career and technical education program. Failure to attend classes, in any course, may result in an F letter grade for any marking period. Excessive tardiness is unacceptable; consequently, students grade may be affected by excessive tardiness.

Career Technical Education (CTE)

CTE is a program of study that involves a multiyear sequence of courses that integrates core academic knowledge with technical and occupational knowledge to provide students with a pathway to postsecondary education and careers.

High-Priority Occupations (CA Department of Labor)

High-Priority Occupations are designated by the Department of Labor because they are in high demand and require advance technical skills. As a result, graduates of these programs are likely to secure a job faster and earn higher-than-average wages. High-priority occupations are updated each year.

Pathways

CTE pathways are programs that offer students transferable career readiness skills. This means that even if a student chooses a different career, they will have gained valuable skills that ensure they are career ready for a different industry sector. A pathway consists of two or more classes in a sequence at the high school level. CTE pathways also support students in building leadership skills through participating in mentorships, internships and other work-based learning opportunities. Each of the programs in this booklet are pathways that include not only skills for their chosen field, but skills necessary in preparation for college!

Every dream has a journey
Every career has a path
What starts here changes your world!

