

High School CAREER PATHWAYS in Sonoma County



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“Taking a culinary arts class has done more than just teach me how to cook; it has taught me how to be professional, responsible, and set goals for my future.”

– Amanda Lenney, student

“My career pathway courses have taught me the most important lessons we will ever learn: teamwork, trust, responsibility, self-control, and leadership.”

– Cherie Auradou, student

Learning for the 21st century

Preparing for a career is not like it used to be. Our economy has turned global, and the demands of the workplace have changed. Our lives and our careers have been impacted by the significant growth of technology—and technology is growing at a faster and faster rate. It’s been said that today’s schools must prepare students to take on jobs that don’t yet exist, using technologies that haven’t yet been invented, in order to solve 21st century problems that haven’t yet emerged.

In Sonoma County, high school students have the opportunity to prepare for their futures not only through traditional academic courses, but also via an exciting mix of “career technical education” programs. These programs are grouped into career pathways and they are available at every high school in the county. They provide career-specific training and build skills—like the ability to communicate,

use technology, and work on teams—that *every* student will need to succeed in the global economy of the 21st century.

What is a career pathway? It is a sequence of courses that moves from introductory learning to intermediate and advanced instruction, allowing students to explore how they can apply their knowledge and develop their interests within a cluster of related career possibilities. It is an avenue for learning and exploration that’s connected to the real world, to actual jobs and the education and training that’s needed to succeed in those positions.

Pathways don’t restrict students to specific careers; they open up possibilities for the future.

Career pathways link traditional academic learning with real-world applications of knowledge and skills. Every class—from manufacturing to financial services to biotechnology—is infused with the technology tools that are used in these fields. Essential academic standards from English, math, and science classes are embedded in pathway courses and help students move toward high school graduation and future education and training.



Learning in career pathways is hands-on. Students make things, complete technical projects, learn how to use tools, work as a team, try their hand at a profession, experience on-the-job training, and talk to people in the community who are performing similar types of work. Learning-by-doing opens up new worlds for some students, while others find that it deepens their understanding of academic concepts and provides a context for their studies.

With few exceptions, every high school student will transition from the world of education to the world of work. For some, this will happen immediately following high school. Others will attend community college, go to a trade school, enroll in a college or university, or earn advanced degrees. No matter what route they take, every student will benefit from the career technical education programs available in high schools today. Each pathway provides work readiness training, prepares students to write résumés and apply for jobs, and underscores the importance of good work habits. These are skills that students need to be successful and that they will use over and over throughout their lives. ■



Benefits of career pathways

- Help students meet high school graduation requirements.
- Help students know if they need education beyond high school and what kind of education they should get.
- Help students understand and prepare for full-time employment after high school or college.
- Allow students to explore areas of interest and engage in hands-on learning.
- Keep students interested in what they're learning in high school.

All students need to explore and prepare for careers

Planning and preparing for a career is more important than ever before. Global competition coupled with higher skill and education requirements for jobs have brought career preparation to the forefront for today's students. Career exploration and career preparation should be part of every student's education, from middle school through high school, college, and beyond.

Exposing young people to a wide variety of career options ensures that they have the information they need to prepare for their future. Students should begin exploring careers in middle school, then delve deeper in high school to fine-tune their interests and learn more about what various careers involve. With this as part of their high school experience, students are much better prepared—and more focused—for their transition to college, higher-level job training, or entry-level employment.

The career pathways described in this publication are an integral part of the public education system serving Sonoma County students. These high school programs are made available through a partnership of the Sonoma County Office of Education (SCOE) and local school districts. Many career pathways are supported by the countywide Regional Occupational Program (ROP), while others are funded by districts. Local businesses and agencies help keep these programs relevant and up-to-date by contributing their expertise and providing real world experiences for students.

Through the collaboration of education, community, and industry organizations, career pathways offer a coordinated system that links state-of-the-art career and academic preparation in high school to advanced training, apprenticeships, or further study at the college level. This strong continuum of career preparation and academic learning helps young people visualize their future, make decisions about what classes to take, and plan for their next steps after high school graduation.



Stephen Jackson
*Director, Career Development/Workforce Preparation
Sonoma County Office of Education*

Two career pathway examples

Career pathways are broadly defined areas, but individual courses within the pathway can provide skills training that's more specific. For example, students in the arts, media and communications pathway can focus on digital video production, while those in the building trades pathway may concentrate on green technology. Here is a description of what students enrolled in these programs might experience.

DIGITAL VIDEO PRODUCTION

Technology has drastically changed the media and communications industry. Today, jobs in this field require a range of technology know-how, in addition to strong graphic design, writing, and creative arts skills.

Digital video and broadcasting courses are offered in 11 Sonoma County high schools and they're taught in classrooms equipped with digital camcorders, sound recording and editing equipment, lighting equipment, video-editing software that meets industry standards, and all the accompanying accessories. Students use this equipment in conjunction with pre-production documents such as storyboards,

shooting scripts, proposals, instructional design scripts, shot lists, editing scripts, text lists, lighting design documents, wardrobe lists, and location diagrams. They engage in hands-on activities that teach them how to write, direct, produce, and broadcast high-quality digital videos.

All students in the arts, media and communications pathway move through a three-step sequence of courses as shown below. After completing an introductory course in computer foundations, digital video students narrow their focus and choose specific intermediate and advanced courses aligned with their individual interests. Other students in this pathway would enroll in different courses from the same menu.

- Introductory** • Computer Foundations
- Intermediate** • Digital Video Technology
- Desktop Publishing/Graphic Design
- Web Design
- Advanced** • Advanced Digital Video Technology
- 3-D Animation
- Advanced Web Design

Students taking digital video courses might look forward to creating video or animation for computer games or contributing to websites that feature online videos. They may want to pursue careers in television journalism, filmmaking, sound production, computer graphics, advertising and commercial art, public relations, or marketing.

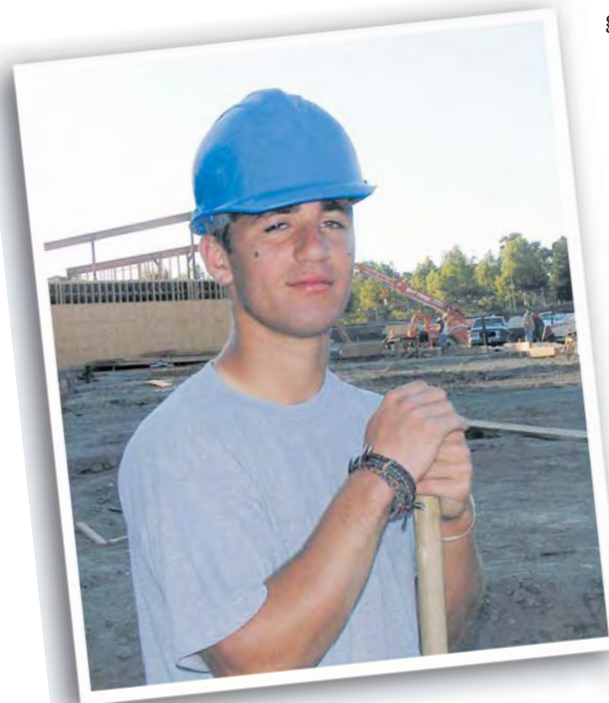
GREEN BUILDING AND DESIGN

Increasing legislative and consumer demands for more sustainable environmental practices have led to a substantial push for a greener economy—and Sonoma County pathway programs have responded to this emerging trend by developing a new green building and design course. It is one of the programs in the building trades, construction and engineering pathway.

Sixteen local high schools offer building trades courses. Their classrooms are equipped with hand and power tools, including drill motors, circular and reciprocating saws, pneumatic nail guns, screw guns, and grinders.

Introductory and intermediate classes in this pathway develop technical and job skills related to construction while also emphasizing teamwork and problem-solving, safe work practices, and standards for quality construction in building technology. At the advanced level, students can enroll in the green building course to gain knowledge of alternative paint finishes and adhesives, materials certified by the Forest Stewardship Council, green building guidelines, and professional organizations such as the U.S. Green Building Council and

“I recently got a job at O’Reilly Media and I can confidently say that I wouldn’t be sitting here if it wasn’t for my video production class. I’m taking everything I learned and applying it constantly.”
– Keith Thompson, graduate



Build it Green. Students interested in other aspects of the industry would select a different advanced-level course.

Courses available to students in this pathway include:

- Introductory**
 - Applied Technology
 - Construction Foundations
- Intermediate**
 - Construction Technology
 - Engineering Technology
 - Computer-Aided Design
- Advanced**
 - Advanced Construction Technology
 - Advanced Computer-Aided Design
 - Landscape Management
 - Cabinet and Furniture Making
 - Green Building and Design
 - Construction Co-op

Students taking courses in this field may be interested in becoming carpenters, plumbers, electricians, drywall installers, drafters, architects, engineers, facility planners, or cabinetmakers. They might also look forward to filling the demand for contractors who can increase energy savings in homes and buildings by installing energy-efficient insulation, windows, and lighting. Energy auditors, compliance analysts, and retrofitting specialists are also expected to be in high demand.

Students in this pathway may be able to obtain entry-level jobs after completing their high school courses, although other positions in this field require additional training and education at a community college, trade school, or four-year college/university. ■



Career pathways come in different styles

Although there are career pathways in every high school, they may be organized differently from school to school. Some schools offer pathway instruction that begins in ninth grade and ends at graduation. Other schools offer selected pathway courses, but don't necessarily provide a multi-year sequence.

Career courses may be presented in a variety of settings. For example, Petaluma has established **smaller learning communities**, which divides its large high schools into several self-contained sections. In smaller learning communities, teachers are better able to collaborate on instruction, which can lead to greater integration between academic and career education.

Career academies might be described as schools-within-schools. They highlight specific career themes and typically enroll 30-60 students. Academy students take classes together, following a curriculum that includes both academic and career-oriented courses. The Green Construction Academy at Montgomery High School is one example.

Magnet programs are a popular structure in Santa Rosa's high schools, including Art Quest at Santa Rosa High, Early College Magnet Program at Piner High, University Center at Elsie Allen High, and International Baccalaureate program at Montgomery High. The Cotati-Rohnert Park district has a magnet school, Technology High, that stresses the study of science, math, and technology.

Sonoma County's **Regional Occupational Program (ROP)** offers courses in all pathway areas. Held at high schools across the county, these programs are open to *all* juniors and seniors, no matter which high school they attend. This open enrollment structure gives every student access to a full range of career training.

Career Pathway: Sample schedule

GRADE 9	GRADE 10	GRADE 11	GRADE 12	POST SECONDARY
English	English	English	English	<i>Depending on career goals, students transition to:</i> Apprenticeship Community college Trade school Four-year college/university Graduate school
Algebra	Geometry	Advanced Algebra	Trigonometry/Pre-Calculus	
Physical Science	Biology	Chemistry	Government/Economics	
Physical Education	Career Pathway: Introductory	Career Pathway: Intermediate	Career Pathway: Advanced	
Foreign Language	Foreign Language	Foreign Language	Visual or Performing Arts	
Computer Foundations	World History	U.S. History	Student Government	

Career pathways by school

This chart shows where career pathway courses are offered.

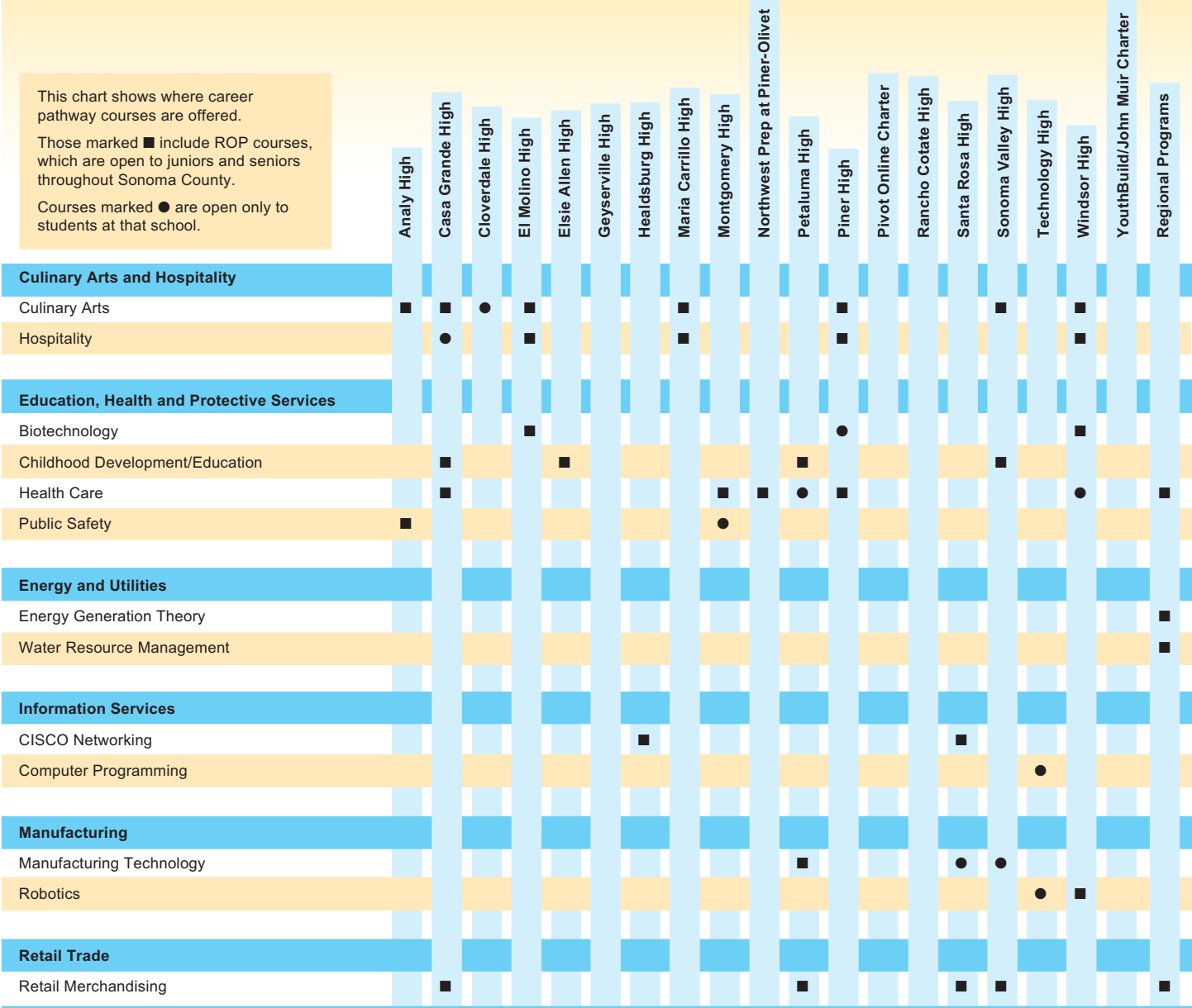
Those marked ■ include ROP courses, which are open to juniors and seniors throughout Sonoma County.

Courses marked ● are open only to students at that school.

	Analy High	Casa Grande High	Cloverdale High	El Molino High	Elsie Allen High	Geyserville High	Healdsburg High	Maria Carrillo High	Montgomery High	Northwest Prep at Piner-Olivet	Petaluma High	Piner High	Pivot Online Charter	Rancho Cotate High	Santa Rosa High	Sonoma Valley High	Technology High	Windsor High	YouthBuild/John Muir Charter	Regional Programs
Agriculture																				
Agriculture Mechanics					■	●					■					■		■		
Agricultural Science	●			●	■		●				●				●	■		■		
Animal/Veterinary Science	●			●	■		●				■				●					
Landscape Design					■				■									■		
Natural Resources Management		●																		
Ornamental Horticulture/Floriculture					●						■				●					
Viticulture	●		●	■											●					
Arts, Media and Communications																				
3-D Animation		■						●	■		■			■						
Digital Video and Broadcasting	■	●	●	■			■	●	■					●	●	■		■		
Graphic Design	■					●		●	■		■		●	■	●	●		●		
Visual and Performing Arts*	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●		●		
Web Design			●	■	●		●				■	●	●		●					
Automotive and Transportation																				
Automotive Body Repair and Paint																				
Automotive Technician/Diesel	■	■				●	■	■			●				●					
Building Trades, Construction and Engineering																				
Cabinet and Furniture Making	●						●				■			●	●	●				
Computer-Aided Design	●	■	●	■			●	●	■		●	■								
Construction Technology	■			■	■	■	●		■		■	■		■	●	●				●
Engineering Technology											■									
Environmental Studies																		●		
Geospatial												●								
Green Building and Design									■											
Business, Finance and Professional Services																				
Accounting									●		●			■						
Business Management														■	■					
Computer Applications in Business			●	●			●		●	●		●	●		●					
Entrepreneurship											■			■		■				
Finance																■				
Legal Services	●										■									
Marketing											■									

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This chart shows where career pathway courses are offered. Those marked ■ include ROP courses, which are open to juniors and seniors throughout Sonoma County. Courses marked ● are open only to students at that school.



ROP courses expand student options

Administered by the Sonoma County Office of Education, ROP classes provide intermediate and advanced instruction in all career pathway areas. In most cases, juniors and seniors can enroll in the ROP courses offered at any high school. This open-enrollment structure gives all students access to a wide variety of career learning.

How to learn more

High school counselors can provide more information about career pathways and help students enroll in courses. They can also assist students interested in courses that aren't offered at their home school. Note that transportation to classes at other high schools is not provided.

Not attending a school listed on this chart?

In addition to the schools included on this chart, there are continuation high schools, charter schools, and private schools that enroll grade 9-12 students. Students from these schools may enroll in ROP courses if space is available and they meet the course prerequisites.

* Visual and Performing Arts courses are also offered at Abraxis Charter School, Arts and Ethics Academy, California Virtual Academy, Insight School of California (North Bay), Orchard View School, and Pathways Charter School.

Career pathway clusters and where they can lead



A pathway is a broad career area that can include many specific programs and professions. Our high school career pathways are aligned to the active employment sectors in Sonoma County, which means they relate to real jobs and career opportunities available locally.

Agriculture: Students who take agriculture courses learn what's required to work on farms, raise livestock, become veterinarians or animal care technicians, or operate and repair farm equipment. Other students in this pathway may be interested in natural resource management, plant biology, landscaping, or turf management at sports complexes.

Arts, Media and Communications: Students pursuing career opportunities in the arts might want to become musicians, voiceover artists, composers, dancers, artists, stunt workers, or actors. Jobs in media and communications also require artistic creativity, along with significant technology know-

how and strong graphic design and writing skills. Students may look forward to careers in television journalism, filmmaking, sound production, advertising and commercial art, public relations, or newspaper reporting.

Automotive and Transportation: Through courses in this career pathway, students can learn how to make automotive repairs, use computerized scanners and measuring instruments, interpret

technical diagrams and online manuals, perform auto body repairs, apply paint and finishes, and demonstrate safe work practices in a garage or auto body shop.

Building Trades, Construction and Engineering: Over 7% of the county's jobs are in construction and construction-related fields. Students who take construction courses may want to become carpenters, plumbers, electricians, or drywall installers. Others are interested in careers as drafters, architects, engineers, facility planners, or cabinetmakers.

Business, Finance and Professional Services: Careers related to this pathway are found in every type of industry. Students who take courses in this pathway may want to become administrative assistants or accountants, work in sales or marketing, run companies or departments, or start their own businesses. They may also be on their way to further education in business, law, or finance.

Culinary Arts and Hospitality: Tourism is one of Sonoma County's strongest industries and our restaurants, wineries, and specialty food businesses are known throughout the world. Students in this field can become professional chefs, line cooks, bakers, restaurant workers, event managers, or caterers—or they may be interested in working in a related business within the tourism and hospitality industry.

Education, Health and Protective Services: Schools, hospitals, and police/fire departments are major employers in

“Strong pathways improve student learning, respond to the needs of an emerging global workplace, and encourage all students to be critical thinkers and problem solvers.”

– Gail Eagan, assistant superintendent



Sonoma County, while biotechnology is a growing industry. Students interested in becoming teachers, teaching assistants, or childcare workers—or pursuing careers as doctors, nurses, lab technicians, hospital aides, fitness trainers, physical therapists, paramedics, scientific researchers, law enforcement professionals, or fire safety personnel—should consider courses in this sector.

Energy and Utilities: This pathway emphasizes electro-mechanical installation and maintenance, energy, and environmental technology. Students will learn about the operation of public utilities, including residential and commercial energy requirements. Courses in this sector prepare students for careers associated with energy generation, including alternative energy and water resource management.

Information Services: Our society is becoming more and more dependent on technology, which means there’s an ongoing need for people who know how

to make it work. Students may become network administrators or computer programmers—or they may want to be involved in technology product development, computer repair, technical support services, or infrastructure design.

Manufacturing: Sonoma County is one of the leading high-tech manufacturing counties in the state. Students taking these courses may eventually choose to enter the workforce as engineers, product designers, metal fabricators, machinists, welders, or equipment operators.

Retail Trade: Retail trade is one of our region’s key industries. Students who enroll in retail courses learn what it takes to work as cashiers, sales associates, customer service representatives, store managers, or retail business owners. These classes also develop skills that can be applied in insurance, banking, real estate, travel/tourism businesses, and more. ■

Industry partners make learning real
Each pathway is linked to people, businesses, and agencies in the field. These industry partners provide ongoing advice on course content, classroom materials and equipment, and workplace standards. They may also host opportunities for students to “go to work” through visits to work locations or actual work experiences.



Some pathways lead to industry certification



“Career pathways help students see the relevance in our courses and their academic classes. We’re working together to make learning relevant in today’s world.”

– Greg Lands, ROP teacher

High school students who earn an industry certification have an added credential when applying for college, trade school, or jobs.

Earning certification means that the student has met specific training and performance standards within a given business or industry. Here are some examples of industry certifications that are incorporated into career pathway courses.

Automotive Service Excellence (ASE); National Automotive Technicians Education Foundation (NATEF)

Automotive programs that lead to ASE/NATEF certification meet national standards and provide training that is current, complete, and applicable. These programs result in well-trained, entry-level automotive technicians with a broad range of skills.

Cardiopulmonary Resuscitation (CPR) and First Aid

Students earning CPR and first aid certification learn to perform

rescue breathing and chest compressions on victims thought to be in cardiac arrest and to handle emergencies that require quick action to save lives.

Cisco Certified Network Associate (CCNA)

Students become Cisco Certified Network Associates by demonstrating they have the knowledge and skill to install, configure, operate, and troubleshoot routed and switched networks. The certification process is administered by Cisco Systems, a leader in networking technology and equipment.

Child Development Assistant Permit (CDAP)

Students completing a Child Development pathway course may apply for this permit. The CDAP authorizes the student to care for and assist in the instruction of children in a child care and development program under the supervision of a teacher, supervisor, or program director who holds a Child Development Permit (CDP).



Pathways connect students to national organizations

National Institute for Metalworking Skills (NIMS)

Students interested in mechanical engineering, manufacturing, and precision machining are candidates for NIMS certification. NIMS training is available through a dedicated course at Petaluma High School. The program is housed in a state-of-the-art machine shop, the only such facility on a high school campus in Northern California.

Occupational Safety and Health Administration (OSHA)

For students in the building trades pathway, learning about on-the-job safety is essential. Many employers require workers to complete OSHA safety training as a condition of employment. Several career pathway teachers are authorized to provide OSHA's official 10-hour safety training, which leads to certification.

ServSafe Food Safety

ServSafe® is a training and certification program sponsored by the National Restaurant Association that prepares students to manage the safe flow of food through restaurants or other food-related businesses. Students must pass an exam to receive ServSafe certification, which is recognized by local, state, and federal health departments as the industry standard. ■

Several of Sonoma County's pathway programs connect to national student organizations that have a career focus. These organizations provide opportunities for students to compete for recognition, connect with others, and learn leadership skills through organized activities at the regional, state, and national levels. Here are a few of the organizations that local students are participating in today.

- **FFA** is a dynamic youth organization that is a part of agricultural education programs at middle and high schools. Today, student members are engaged in a wide range of curriculum and FFA activities, leading to over 300 career opportunities in agriculture.
- **Future Business Leaders of America-Phi Beta Lambda (FBLA-PBL)** is the largest business career student organization in the world. The high school division has 215,000 members, while the postsecondary division reaches over 11,000 college students. The newest group, for middle school students, has nearly 15,000 members.
- **Health Occupations Students of America (HOSA)** is a national student organization with a two-fold mission to promote career opportunities in the health care industry and enhance the delivery of quality health care to all people.
- **SkillsUSA** is a partnership of students, teachers, and industry representatives who are working together to ensure that America has a skilled workforce for careers in trade, technical, and skilled service occupations.



Preparing all youth for success in college, career, and life



Young people need a continuum of career development experiences throughout their years of schooling in order to prepare for future success. This career development continuum must not only address students' educational needs, it must be responsive to the changing demands of the 21st century workplace and reflect local economic development priorities.



The Sonoma County Career Development System Initiative was developed by the Sonoma County Office of Education in collaboration with a large group of community partners. The goal is to provide leadership, support, and direction for a countywide K-16 system that will guide young people in developing relevant and transferable skills and knowledge, making informed career preparation decisions, and preparing to contribute to the global economy.

This initiative is based on the belief that young people must have early and ongoing access to meaningful career awareness, exploration, and preparation opportunities to ensure local economic prosperity and individual success in college, career, and life.

Many activities are contributing to this systems-building effort.

For example:

- Thirteen schools are participating in the grant-funded Middle School Career Exploration Program.
- Career pathway courses are in place at every comprehensive high school in Sonoma County.
- 19,000 students in 39 schools and youth organizations are now using

the online *Kuder Navigation* career and academic planning tool.

- Work-Ready Certification is available to all high school students.
- A career development portal for young people, www.MyCareerSpace.biz, has been launched.

The Career Development System envisioned for Sonoma County is based on a continuum that sequences activities and experiences to provide career and college awareness, exploration, and preparation. In this continuum, students participate in a series of classroom activities, workplace exposures, and community experiences over time. Classroom activities support and reflect what's learned in the workplace and community, and workplace experiences support classroom learning. Students are supported by role models and receive guidance from families and adults in their communities. They are provided with experiences commensurate with their knowledge, skills, and abilities. These experiences are compatible with their age and stage of development.

Career awareness activities are designed to acquaint young people with the wide range of careers and/or occupations that will be available to them in the future. These activities help students learn about the possibilities that are before them, begin to refine their career interests and goals, understand the skills and education required for specific occupations, and become familiar with the expectations of the workplace.

Career exploration activities provide opportunities for students to explore fields of interest related to career goals and/or academic learning. Some activities take



place at worksites, with students working closely with an adult supervisor and participating in appropriate hands-on workplace experiences.

Career preparation activities engage students in in-depth discovery of particular careers, linking the skills utilized in the workplace with academic learning. Students engage in classroom learning and participate in work experiences and internships that support the development of career- and occupation-specific skills. ■

Benefits of the Career Development Continuum

For youth

- Increased academic achievement through relevant application of learning
- Increased understanding of career goals, interests, and aspirations
- Increased perception of post-secondary relevance
- Increased career success and satisfaction

For schools

- Increased academic achievement
- Streamlined transitions from one grade level to the next
- Fewer discipline problems resulting from disengaged students
- Increased college-going rates and high school completion

For employers

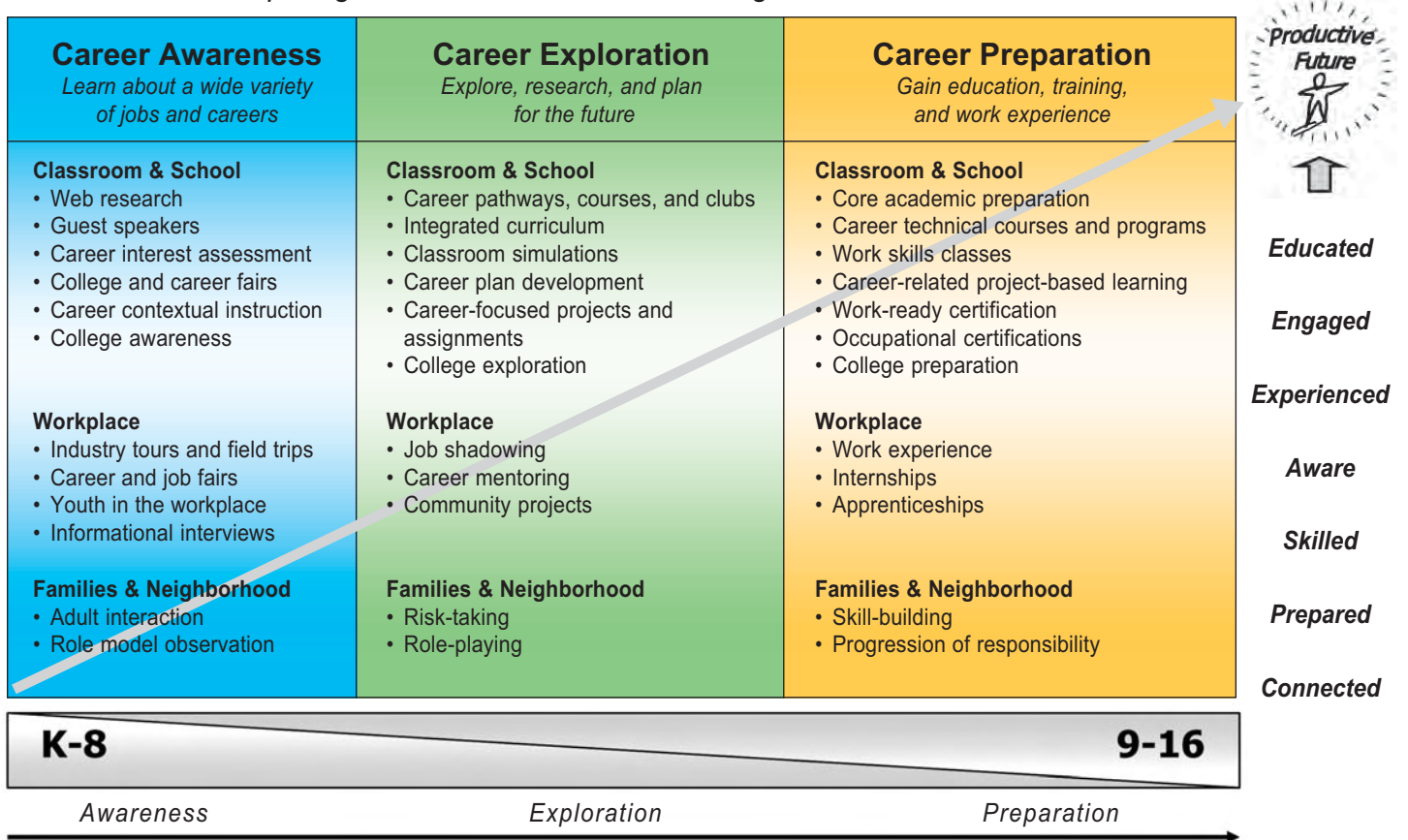
- Higher quality workforce and a more healthy economy
- Assurance that work-readiness, as defined by employers, is delivered by the systems that prepare youth
- Reduced cost for basic workplace skills training for new employees

For communities

- Improved coordination of youth-related services and programs
- Greater efficiency of resources
- Greater access for all youth

Career Development Continuum

Preparing all Youth for Success in College, Career, and Life



New career pathway programs to open at industry sites

The Regional Occupational Program (ROP) will open two new pathway programs at industry sites at the start of the 2010-11 school year. High school juniors from across Sonoma County

may enroll in these programs: one is focused on Health Care and the other on Energy and Water Resources. Both of these industries have a promising outlook for job and career growth.

Health Care at Kaiser

Permanente: Students interested in preparing for careers in health care can take

ROP classes and gain hands-on experience at Kaiser Permanente's facility in Santa Rosa. This two-year program will concentrate on the theory, skills, and science learning required for health care occupations. Instruction will address the prevailing theoretical body of knowledge surrounding health care in general, the science and technology associated with the industry, and the hands-on training for career opportuni-

ties in this field. This program will also introduce students to opportunities for post-secondary training and further study required for specific health care careers.

Energy and Water Resources at the

Water Agency: This pathway targets students interested in energy generation, water resource management, and public utilities. Classes held at the Sonoma County Water Agency will provide the opportunity for students to interact with and learn from professionals in the field. The two-year program will engage students in learning the theory, skills, and science associated with energy generation, including alternative energy sources and water resource management. Courses will explore public and private resources, highlight the issues and technology associated with managing these resources, and provide hands-on training for career opportunities within the industry.

Both of these programs will be open to high school juniors in 2010-11, then to juniors and seniors in 2011-12. For more information, please contact the Sonoma County ROP office at (707) 524-2720. ■

"We face an economically dynamic future and workforce preparation is of central importance. The Sonoma County Board of Education is proud of the contribution that ROP makes in this regard and looks forward to the future with confidence."

*– David Wolf,
Sonoma County Board
of Education member*



Annual events bring students, teachers, and industry professionals together

Sonoma County hosts a variety of annual events—four are described below—that are designed to further career-focused education and strengthen pathway programs. They range in scope from statewide teacher conferences to industry-sponsored student expositions and local seminars featuring nationally recognized guest speakers.

California Industrial and Technology Education Association (CITEA) Conference

The annual CITEA conference, held in Sonoma County, is hosted by a professional organization for industrial technology teachers. The event promotes the value of industrial technology education programs that teach students the skills needed to enter careers in construction, metals manufacturing, engineering, and architectural design. This event is one of many opportunities that career pathway teachers can take advantage of to stay current in their field, network with educators who direct similar programs, and connect with industry professionals.

Careers in Construction Expo

The Careers in Construction Expo is sponsored by the North Coast Builders Exchange along with various construction trade groups and companies. Hundreds of students are bused to this event to watch demonstrations, learn about future employment opportunities and job requirements, talk with people in the industry, and participate in hands-on projects guided by professionals.

Career Technical Education Conference

Each year, the Sonoma County Office of Education hosts the Career Technical Education (CTE) Conference to focus on how the demands of our world and what’s required for success are changing. Through keynote speeches and breakout sessions, educators and industry representatives have an opportunity to explore the innovations of the workplace and discuss strategies for responding to them in career pathway courses.

Middle School Career Exploration Symposium

The Middle School Career Exploration Symposium provides an opportunity for teachers, counselors, board members, and administrators to hear about and share promising practices that infuse career awareness and exploration activities into the middle school curriculum. ■

“Many people say we are preparing our youth for a future we can’t envision. What we can do is teach practical, lifelong skills and encourage critical thinking and innovation.”

– Kathleen Willbanks,
Sonoma County Board of Education member



Sonoma County High Schools

These high schools offer career pathway programs

Analy High School

6950 Analy Avenue, Sebastopol 95472
(707) 824-2300

Casa Grande High School

333 Casa Grande Road, Petaluma 94954
(707) 778-4677

Cloverdale High School

509 North Cloverdale Boulevard, Cloverdale 95425
(707) 894-1900

El Molino High School

7050 Covey Road, Forestville 95436
(707) 824-6550

Elsie Allen High School

599 Bellevue Avenue, Santa Rosa 95407
(707) 528-5020

Geyserville High School

1300 Moody Lane, Geyserville 95441
(707) 857-3592

Healdsburg High School

1024 Prince Street, Healdsburg 95448
(707) 431-3420

Maria Carrillo High School

6975 Montecito Boulevard, Santa Rosa 95409
(707) 528-5790

Montgomery High School

1250 Hahman Drive, Santa Rosa 95405
(707) 528-5191

Northwest Prep at Piner-Olivet

2590B Piner Road, Santa Rosa 95401
(707) 522-3320

Petaluma High School

201 Fair Street, Petaluma 94952
(707) 778-4651

Piner High School

1700 Fulton Road, Santa Rosa 95403
(707) 528-5245

Pivot Online Charter School

5299 Hall Road, Santa Rosa 95401
(707) 545-0175

Rancho Cotate High School

5450 Snyder Lane, Rohnert Park 94928
(707) 792-4750

Santa Rosa High School

1235 Mendocino Avenue, Santa Rosa 95401
(707) 528-5291

Sonoma Valley High School

20000 Broadway, Sonoma 95476
(707) 933-4010

Technology High School

1801 East Cotati Avenue, Rohnert Park 94928
(707) 792-4825

Windsor High School

8695 Windsor Road, Windsor 95492
(707) 837-7767

YouthBuild/John Muir Charter School

2230 Lomitas Avenue, Santa Rosa 95403
(707) 578-2034

High School CAREER PATHWAYS in Sonoma County

This is a public service publication developed by the Sonoma County Office of Education's Career Development/Workforce Preparation department, which administers the Regional Occupational Program (ROP). ROP courses form an integral part of the career pathways in Sonoma County.



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