



At Elk Grove Unified, our desire is to provide our students with an educational experience that goes beyond the classroom and reaches into their future. We strive to guide each student to be prepared for college or a career. Through small learning career academies and pathways, we offer our students the ability to specialize in a number of career fields – including public service, business, culinary arts, health, engineering, technology, ag-science, auto-technology and media. These career learning opportunities are possible as a result of relationships Elk Grove Unified has established with local businesses and community members who provide our students with real world training.

Many of the courses offer students A-G academic classes that are integrated with career classes and internship opportunities. The ROP programs include law, auto technology, health careers, culinary arts, floral design, animation, computer graphics, and television occupations. Students can also enroll in Junior Reserve Officer Training Corps (JROTC). A detailed description of these programs is available on the district's website at [www.egusd.net](http://www.egusd.net).

Career academies and pathways share many components. They are small learning communities that encompass a broad-based industry area, which includes careers from technical learning through professional levels. They serve to promote student/employer engagement through workplace experience and provide industry certifications (when applicable). Most importantly, they prepare students for post-secondary pursuits, both for college and the workplace.

Specifically, a career pathway is a recommended sequence of general and career technical education courses related to a career focus area. Career pathways include an introductory and an intermediate career technical education course. Additionally, enrolment in a related Regional Occupation Program (ROP) is encouraged for students who participate in a career pathway.

Career academies include additional criteria. Students in career academies are assigned to a team of teachers and participate in integrated academic and career/technical courses related to a career focus area. A career academic sequence includes not only exposure to the world of work, but the opportunity to earn a certificate recognized by businesses and industry. A career academy is flexible, but is structured within a 9th-12th-grade sequenced, integrated course of study with performance-based projects. Employers are engaged in the academy process through mentoring, job shadowing and participation in advisory meetings.

Please contact Career Technical Education at (916) 686-7709 for more information.

The following Career Academies and Pathways are offered at different high schools throughout our district:

### *Cosumnes Oaks High School*

#### **CULINARY ARTS ACADEMY**

The Culinary Arts Academy students will receive a 4-year sequenced curriculum that prepares them for National Restaurant Certification. Students will learn nutrition science, restaurant management, food chemistry and culinary skills to prepare them for employment in the hospitality, tourism or recreation industry.

#### **GREEN ARCHITECTURAL DESIGN AND ENGINEERING ACADEMY**

This interdisciplinary academy provides students with the opportunity to explore the complex worlds of architecture, construction and urban planning. The program will culminate with students completing an internship at a local business, government agency and/or non-profit organization.

#### **VISUAL AND PERFORMING ARTS PATHWAY**

This program provides students with advanced coursework in music, theatre arts, dance, video production, photography, two and three dimensional art, stagecraft and design.

### *Elk Grove High School*

#### **SUSTAINABLE AGRICULTURE AND GREEN EDUCATION ACADEMY**

The SAGE Academy prepares students for the 21st century agricultural industry in California. Students will learn the sciences and technologies necessary to understand sustainability and to produce food and fiber in a sustainable and energy efficient manner.

#### **TECHNICAL AND DIGITAL ARTS ACADEMY**

Students interested in media advertising and entertainment industries can learn filmmaking, photography and digital design in the Technology and Digital Arts Academy.

### *Florin High School*

#### **AG TECH ACADEMY**

The AG TECH Academy provides students with training in floriculture, agriculture technology and related sciences. This four-year academic program combines graduation requirements, on-site laboratory experiences, workplace partnerships, study programs and a two-plus-two college opportunity. This is a district-certified academy.

#### **AUTO TECHNOLOGY CAREER PATHWAY**

This pathway is designed for students interested in learning skills to obtain an entry-level job in the automotive services industry. Topics discussed include: Engine operation, electrical systems, fuel injection, computer systems, brakes, and basic engine repair.

*Florin High School continued*

**BUSINESS and TECHNOLOGY ACADEMY**

Through this three-year academy, students learn valuable job skills related to computer technology. They also work with adult mentors from business and professional communities. This is a district certified academy.

**LAW AND THE WORLD ACADEMY**

The LAW Academy is a four-year course of study which combines core academic classes that emphasize legal, justice and world language curriculum for students interested in pursuing a career in law related fields.

*Franklin High School*

**SCHOOL OF TECHNOLOGY, ENGINEERING AND MEDIA ACADEMY**

The School of Technology, Engineering and Media Academy allows students to explore computer technology, industrial engineering and media communications careers. This is a district certified academy.

**GREEN RENEWABLE ENERGY ENGINEERING NETWORK ACADEMY**

The GREEN Academy is a four-year course of study which gives students the opportunity to explore a variety of fields based on green and clean technology, including wind, solar energy, hydroelectricity and bio fuel.

*Laguna Creek High School*

**MANUFACTURING PRODUCTION TECHNOLOGY ACADEMY**

This academy specializes in training students with hands-on mastery of virtually every aspect of modern-day production and manufacturing. Students will be prepared to enter college and/or careers in manufacturing, engineering and skilled trades. This is a Connect Ed: The California Center for College and Career Model Program and district certified academy.

**BUSINESS CAREERS PATHWAY**

Students interested in careers in banking, finance and related financial industries have the opportunity to explore these fields in depth through the Business Careers Pathway.

**GREEN ENERGY TECHNOLOGY ACADEMY**

The Green Energy Technology Academy is designed for students interested in the energy industry. They will learn about solar energy, wind turbines, photovoltaics, biodiesel, hydroelectricity and hydrogen fuel cells.

**SPORTS CAREERS ACADEMY**

In this academy students learn skills in athletic training, physical therapy and fitness instruction. They will receive a background in anatomy and physiology, ethical and legal issues involved in medicine and medical terminology. This is a district certified academy.

*Monterey Trail High School*

**DESIGN AND TECHNOLOGY ACADEMY**

The Design and Technology Academy provides students the

chance to learn about computers, engineering, transportation technology and agriscience. This is a district certified academy.

*Pleasant Grove High School*

**DIGITAL MEDIA CAREER PATHWAY**

This four-year pathway in video production allows students the opportunity to learn and participate in all aspects of video production including editing, camera work, script-writing, storyboarding, producing and directing using the school's television studio.

**GREEN CADD ACADEMY**

This academy prepares students for careers in clean technology and renewable energy. Areas of study include energy, water and natural resource conservation, clean vehicle technology, construction and maintenance of energy-efficient technologies, energy-efficient buildings and research and maintenance of geothermal, biomass, fuel cells, solar, wind and biodiesel power.

**PUBLIC SERVICE ACADEMY**

The Public Service Academy gives students an opportunity to study and prepare for careers related to fire science, criminal justice and health fields.

*Sheldon High School*

**ARTSWORK CAREER PATHWAY**

With courses designed to be applicable to many professions, the Artswork Career Pathway prepares students for careers in graphic design, publicity, radio, movies, television, music, dancing and drama.

**BIOTECHNOLOGY ACADEMY**

Students in the Biotechnology Academy learn the process of genetic engineering and its application in agriculture, forensics, environment and molecular biology. Curriculum includes analyzing their economic impact and evaluating the ethical implications of biotechnology. This is a district certified academy.

**ENGINEERING CAREER PATHWAY**

The Engineering Career Pathway combines theoretical training with hands-on projects. It prepares students for careers in architecture, engineering and city planning.

**EQUITAS (Government/Public Policy) CAREER PATHWAY**

The EQUITAS Career Pathway prepares students to enter many government related careers in justice, political campaigns, law, federal investigations, intelligence agencies, public assistance programs, teaching and paralegal service.

*Valley High School*

**HEALTH TECH ACADEMY**

Health TECH (Tomorrow's Employees in Careers in Health) is an innovative four-year program that combines advanced technology, student workplace experience and direct contact with local health officials. This is a district certified academy.