2017 – 2018 School Year

EGUSD – EXPLORE CTE

COURSE CATALOG

Traditional School Schedule:
1st Semester
8/10/17 – 12/15/17

2nd Semester
1/3/18 – 5/25/18

Explore
Career Technical Education
College & Career Options Department
9510 Elk Grove-Florin Road, Rm 211
Elk Grove, CA 95624
(916) 686-7709 Fax (916) 686-7563
egusdexplore.com

140.0813.0010

Agriculture & Natural Resources

Agriculture Sales & Service

In this two-semester course, students will learn agricultural sales, purchasing, inventorying and delivery of merchandise; advertising and promotion; animal nutrition; disease control; sanitation and animal health. Sites also may include training about veterinary practices, horse training facilities and feed stores.

School	*Instructor*	*Day*	*Time*	*Dist. Course*	*Credits*
Elk Grove High	Matt Patton/Amy Erman	M-F	2:15 – 3:15 pm*	12216	10 credits possible each semester
Florin High	Sheila Folan	M-F	7:00 – 8:00 am	12216	5 credits possible each semester

*1 hour is spent in the classroom. 8 hours are spent each week on a job site. Students not on the job site report to class.

Agricultural Welding

Students will learn welding safety, weld designs, basic framing, oxygen/ acetylene welding and brazing, oxygen gas cutting, arc welding, arc air cutting, pipe welding, hard surfacing, weld testing, metal identification, blueprint-reading, measurement and layout skills, and use of fabrication equipment. ***Course is articulated to Cosumnes River College for college units.***

Agricultural Welding I (also referred to as Metals I at site level)

School	*Instructor*	*Day*	*Time*	*Dist. Course*	*Credits*
Florin High	Amy Spithorst	MTTHF	7:00 – 9:07 am	12225	10 credits possible (1st Semester)
		W	7:00 – 8 am & 9:00 – 9:52 am		
Elk Grove High	Mike Albiani	MTWF	1:00 – 3:11 pm		10 credits possible (1st Semester)
		TH	1:10-2:10 pm		

Agricultural Welding II (also referred to as Metals II at site level)

School	*Instructor*	*Day*	*Time*	*Dist. Course*	*Credits*
Florin High	Amy Spithorst	MTTHF	7:00 – 9:07 am	12225	10 credits possible (2nd Semester)
		W	7:00 – 8 am & 9:00 – 9:52 am		
Elk Grove High	Mike Albiani	MTWF	1:00 – 3:11 pm		10 credits possible (2nd Semester)
		TH	1:10-2:10 pm		

Arts, Media & Entertainment

Advanced Computer Animation

This year-long course focuses on the production of animation and effects used in creating a visual story. Students will gain skills in the areas of animation, film making, video, and advanced computer graphics. This will be achieved through the processes of pre-production, production and post-production of film making. Students also will produce a professional portfolio, which will include a sketchbook, a story-board example, and a videotape selection of work. *MEETS UNIVERSITY "F" REQUIREMENTS Articulated to Sacramento City College and The Art Institute of California for college units.*

School	*Instructor*	*Day*	*Time*	*Dist. Course*	*Credits*
Sheldon High	Shawn Sullivan	MTTHF	1:31 – 3:07 pm	12125	10 credits possible each semester

Arts, Media & Entertainment, (Cont'd)

Entertainment Art and Design (Game Design)

This year-long course will provide a hands-on approach to the various jobs of game design from its beginnings to the present. It brings together cultural, business, and technical perspectives. Students will come away from the course with an understanding of the various possibilities of employment within the game industry, as well as insights into the design, production, marketing, and socio-cultural impacts of interactive entertainment and communication. The course will offer participation, discussion, guest presentations and projects on the emerging culture and technology of computer and video game design. Class contexts include: the art of gaming, entertainment media, computing technology, applications of gaming technology, business history, strategy guide writing; game design, promotion, marketing, play testing, and team competition. ***Prerequisite(s): Advanced Computer Animation***

School	*Instructor*	*Day*	*Time*	*Dist. Course*	*Credits*
Sheldon High	Shawn Sullivan	MTWTH	3:07 – 4:37 pm	12141	10 credits possible each semester

Advanced Graphic Communications (Commercial Art)

In this year-long course, students will prepare a portfolio of original artwork based upon advanced principles of design. Assignments will include computer graphics, digital imaging, airbrush illustration, advertising design as well as colored pencil, ink, painting, charcoal and printmaking. Many projects will be created for local, state and national competitions and exhibits. Emphasis will be placed on portfolio projects in digital, and CD format and evaluated on an ongoing basis for students who are interested in applying for scholarships to art colleges. Students will be expected to critique and asses their own work as well as that of their peers in a collaborative way using both oral and written formats. ***MEETS UNIVERSITY "F" REQUIREMENTS – Course is articulated to Art Institute of California for college units***

School	*Instructor*	*Day*	*Time*	*Dist. Course*	*Credits*
Sheldon High	Kelsey Dillard	M-F	1:54 – 3:04 pm	12148	10 credits possible each semester

Video Production

This introductory, hands-on course is designed to introduce students to the use of digital video and television studio production equipment in both a classroom and studio environment. Computers running software for non-linear editing will be used to produce a variety of video projects for classroom and school-wide broadcasting. Skills taught include script writing, storyboarding, camera operation, use of audio, lighting, editing, short films, commercials, public service announcements and working in different roles as a member of a video production team. This course is open to freshman and sophomores who want to focus on learning media production in high school and college or who want to earn a Media Communications certificate. This course is open to juniors and seniors who wish to support an interest in drama, journalism, speech, photography or graphic arts. ***Prerequisite(s): Computer Technology and Multimedia***

School	*Instructor*	*Day*	*Time*	*Dist. Course*	*Credits*
Rio Cazadero High	John Archie	M-F	9:30 – 11:30 am	12152	10 credits possible each semester
Rio Cazadero High	John Archie	M-F	1:30 – 3:30 pm	12152	10 credits possible each semester

Education, Child Development & Family Services

Careers with Children

This course is designed to provide a comprehensive overview of the various careers that involve working with children, students practice guidance, lesson planning and presentation, age appropriate activities and classroom management. Following pre-training, students work with a training site teacher and children to practice skills and explore classroom teaching as a career. Course qualifies students for Early Childhood Education units at local community college and alternative teacher qualification for preschool programs. Community internships may include placement in preschools, daycare centers, infant centers, elementary schools, licensed family daycare homes, and recreational settings. Course is articulated to Cosumnes River College for college units. ***Two semesters required for certificate and college credit.***

School	*Instructor*	*Day*	*Time*	*Dist. Course*	*Credits*
Daylor High	Kim Smith	M-F	12:00 – 2:00 pm	12606	10 credits possible each semester

Health Science & Medical Technology

EKG Monitoring Technician

This one-semester course is designed to train students to set up and run a 12-lead EKG and attach a Holter monitor. Instruction is provided in the anatomy and physiology of the heart and terminology common to the cardiovascular system. Interpretation of EKGs includes heart rate, basic rhythm strips, and the identification of rhythm abnormalities. Students are trained to recognize changes in EKGs, heart blocks, hypertrophy, infarction, and emergency situations that require immediate action. Hands-on training is an integral part of this training. Students may take the fee-based National Certification Exam. Required externship scheduled upon course completion at a community worksite. In order to earn certification ***Regular attendance is required***

School	*Instructor*	*Day*	*Time*	*Dist. Course*	*Credits*
Valley High	Hussnain Chaudhry	M-TH	4:00 – 7:15 pm	12655	15 credits possible (Fall/Begins **8/14/17**)
Valley High	Hussnain Chaudhry	M-TH	4:00 – 7:15 pm	12655	15 credits possible (Spring/Begins **1/3/18**)

Please note: Students should be scheduled with a release period at the end of their school day as this course starts promptly at 4:00 pm

Medical Assistant

This two-semester course includes a medical assistant's role in administrative (front office) and clinical (back office) duties. After successful completion of both semesters student is eligible for an externship of 160 hours to be completed in a medical facility. Completion of all components earns student a certificate and the opportunity to take the fee-based National Certification Exam. ***Required externships scheduled upon course completion at community worksite in order to earn certification - Uniforms are required. (Fall course begins 8/14/17* spring course begins 1/3/18)***

School	*Instructor*	*Class*	*Day*	*Time*	*Dist. Course*	*Credits*
Valley High	Pamela Mathews	Clinical	M-TH	1:40 – 4:40 pm	12654	15 credits/fall semester
	Pamela Mathews	Administrative	M-TH	1:40 – 4:40 pm	12654	15 credits/spring semester
	Libby Rubier	Administrative	M-TH	4:30 – 8:15 pm	12654	15 credits/fall semester
	Libby Rubier	Clinical	M-TH	4:30 – 8:15 pm	12654	15 credits/spring semester

Medical Terminology

Students learn structure of the human body, as well as terms relating to body system, radiology, pharmacology and surgery word parts and how to combine the parts to form medical terms during this sequenced course. Analyze, define, pronounce, and comprehend medical terms. This course can serve as a prerequisite for various entry-level health care positions. The ninety-hour course is taught in the classroom through a series of lectures, group activities, and course-related video/software. ***One-semester course (Fall course begins 8/21/17 * spring course begins 1/10/18)***

School	*Instructor*	*Day*	*Time*	*Dist. Course*	*Credits*
Valley High	Pamela Mathews	M-TH	5:15 – 6:45 pm	12650	5 credits/fall semester **(8/21/17 - 12/11/17)**
	Pamela Mathews	M-TH	5:15 – 6:45 pm	12650	5 credits/spring semester **(1/10/18 – 5/25/18)**

Phlebotomy Technician

This year-long course is licensed by the State of California Department of Laboratory Field Services. Students will be introduced to the origins of phlebotomy, its clinical significance, techniques, advances and its overall position in the medical and research areas. After successful completion of this course, with a C or above, students must complete an externship and perform a minimum of 50 successful venipunctures and 10 successful skin punctures over a 40-hour period or greater under the supervision of a phlebotomy preceptor. Students then will be eligible to take a fee-based National Certification Exam, which must be passed before applying for phlebotomy license. A medical background or training that may include knowledge of basic anatomy, physiology and medical terminology is highly recommended. ***Requirement: Students must be at least 17 years-old at the beginning of class and 18 upon completion in order to participate in the externship. One- semester course - Must pass state test to earn a certificate. (Fall begins 8/14/17* spring begins 1/3/18)***

School	*Instructor*	*Day*	*Time*	*Dist. Course*	*Credits*
Rio Cazadero High	Darrell Goolsby	M -TH	4:30 – 8:15 pm	12653	15 credits possible per semester

Hospitality, Tourism & Recreation

Professional Culinary Arts

Introduction to culinary arts is designed for the student who is interested in gaining new and challenging knowledge and skills for personal use or with a goal to pursue a career in the culinary field. Students will learn basic techniques in food preparation, including measurement and knife skills. Special units will include a focus on sanitation and safety, specific product identification, as well as menu planning and plate preparation. Students will explore a wide variety of food products as well as learning fundamental culinary skills. Students will have the opportunity to practice their skills prepping food for catering events. ***(Begins 8/10/17* Ends 5/25/18)***

School	*Instructor*	*Day*	*Time*	*Dist. Course*	*Credits*
Cosumnes Oaks High	Vincent Lazzaretto	MF	1:42-3:13 pm	12426	5 credits possible each term
		T-TH	1:53-3:13 pm		
		W	1:55-3:13 pm		
Florin High	Scott Rice	M-F	1:05-3:10 pm	12426	10 credits possible per semester

~ALL COURSES ARE SUBJECT TO CHANGE WITHOUT NOTICE. STUDENTS ENROLLED AT THE SITE HOSTING THE EXPLORE CTE COURSE HAVE ADMISSION PRIORITY.~

Commonly Asked Questions…

What is Explore CTE?

Explore CTE is a program that provides an opportunity to: **learn job skills, find out about a career, gain employment, and select a college major.**

In some of the Explore CTE courses, students receive classroom instruction and are then placed in a training site four days a week, returning to the classroom one day per week. Courses are one or two semesters in length and are offered during the school day and before and after school. Courses range from one to three hours daily. Some courses are also available in the summer.

How can I register for an Explore CTE course?

For more information about EGUSD's Explore CTE program and how to enroll, contact your school counselor or call the Explore CTE office at 916-686-7709.

Can I earn a certificate through Explore CTE?

Students who complete an Explore CTE course and demonstrate mastery of core competencies can earn an Explore CTE certificate of completion in some Explore CTE courses. Some Explore CTE courses also prepare students to pass state and national industry-validated certificates.

Is there priority enrollment?

For Explore CTE courses with a waiting list, 12th grade students on track to graduate will have the first priority for enrollment.

May adults enroll into Explore CTE?

- No, Explore CTE is for high school students. Graduating seniors, however, will be given priority to enroll for up to one year after graduation provided they were enrolled in medical assisting or phlebotomy during the second semester of their senior year. All applications are processed on a first-come, first-serve basis determined by received date and are maintained only for a calendar year – July 1 to June 30.
- Additional Explore Career Technical Education courses for adults are offered through EGUSD's Career Training Institute. For more information please call 916-686-7724 or go to www.egusd.net/egace or email cti-info@egusd.net.

Will I receive credit for Explore CTE?

You can earn elective credits towards graduation for successfully completing Explore CTE. Some courses meet UC/CSU A-G requirements. Others provide articulated credit to local colleges. See individual course listings for more information.

NON-DISCRIMINATION and ACCESS POLICIES

District programs and activities shall be free from discrimination, including harassment, intimidation and bullying based on a student's actual or perceived disability, gender, gender identity, gender expression, nationality, race, ethnicity, color, ancestry, religion, sexual orientation, age, marital or parental status, or association with a person or group with one or more of these actual or perceived characteristics. This policy applies to all acts related to school activity or school attendance occurring within a school under the jurisdiction of the District Superintendent.

The Elk Grove Unified School District welcomes those with disabilities to participate fully in the programs, services, and activities offered to students, parents, guardians and members of the public. If you need a disability-related modification or accommodation, including auxiliary aids or services, to participate in any program, service or activity offered to you, please contact the Explore Career Technical Education Department at 916-686-7709 at least 48 hours before the scheduled event so that we may make every reasonable effort to accommodate you. Government Code: Section 54953.2; Americans with Disabilities Act of 1990, Section 202 (42 U.S.C. Section 12132).