

FOLSOM CORDOVA UNIFIED SCHOOL DISTRICT

PUBLIC SAFETY 2 - CERT

Date: September 2008

Category: Career Technical Education

Proposed Grade Level(s): 10th

Course Length: One Year

Grading: A-F

Number of Credits: 5 per Semester

Prerequisites: Enrollment in the Public Safety Academy. Parent permission is required for students to take part in the Teen CERT training program.

COURSE DESCRIPTION:

This is an industry certification class, preparing students for careers in the Family & Human Services Industry and the Protective Services Industry. The students will be trained as Community Emergency Response Team members. The course will be taught in partnership with the Sacramento City Police Department. The course includes a rigorous first aid training program and CPR certification coursework. The course will also require students to participate in before school training and various after school community service projects.

The students will expand their knowledge of family & human services, criminal justice, fire safety and fighting procedures, fundamentals of corrections, and the basics of security – homeland and personal.

Each unit of instruction and the associated student learning activities will include a multicultural perspective representative of the demographic makeup of Cordova High School. Some of the units of instruction will be delivered in partnership with other certified industry people, i.e. Rancho Cordova City Police Department, Sacramento Metro Fire Department, Sacramento County Sheriff's Department and local security companies

One of the final culminating activities for the course will be a mock disaster drill held on the Cordova High School campus. Field trips will also be arranged for students to visit industry experts in the field.

GENERAL GOALS / PURPOSES:

By the end of the course, each student will be able to:

- Define disasters and decide who makes up a response workforce.
- Identify various types of potentially hazardous conditions and determine how to reduce personal risk in each situation.
- Define the laws that protect disaster workers from liability.
- Determine how fire occurs, classes of fire, and choose the correct means of distinguishing it.
- Identify potential fire hazards in the home and workplace, and present fire prevention strategies.
- Identify potentially hazardous materials in storage or in transit.
- Recognize and treat airway obstruction, bleeding, and shock.
- Apply the principles of triage and conduct triage evaluations.
- Set up disaster treatment areas and explain the four major functions of disaster medical operations.
- Provide basic treatment of burns, dressing wounds, fractures, dislocations, hypothermia, and nasal bleeding.
- Conduct a systematic search for disaster victims using safe techniques for lifting, leveraging, and victim removal.
- Protect self and buddy during a search and rescue operation.
- Organize and deploy volunteer resources according to CERT organization principals.
- Apply knowledge of teamwork.

- Provide psychological first aid to victims and CERT team members, taking of oneself before and after a disaster.
- Define terrorism and terrorist goals and use CERT protocols for terrorist incidents.
- Understand basic terms, types of crimes and myths related to the criminal justice system.
- Identify technology and equipment used by police.
- Explain fire safety guidelines and practices.
- Explain types, maintenance, and proper installation of smoke detectors.
- Describe procedures for fighting common fires.
- Define security and analyze the relationship between security and law.
- Develop personal safety strategies.
- Establish and promote good safety habits for all ages.
- Provide CPR and cardiac care in emergencies.
- Understand important safety, emergency, and disaster procedures to use with a wide variety of populations.

READING COMPONENT:

Students will be required to:

- Use the Internet to research protective service and emergency responders' career-related topics
- Read articles related to emergency response.
- Read the required text
- Read and comprehend test questions and answers

WRITING COMPONENT:

Students will be required to:

- State their responses to questions in complete sentences related to protective services career pathway standards.
- Develop a personal health plan and set career goals for the five years.
- Prepare documentation of disaster situations and determine resource status.
- Complete a notebook that includes note taking from class lectures.
- Develop Power Point presentations on a variety of topics for group presentations.

ORAL COMPONENT:

Students will be required to:

- Participate as a member of a group presentation of an emergency disaster situation.
- Respond to questions directed to them during class discussion.
- Peer teach a CERT topic.
- Interview someone regarding their public safety career.
- Participate in question/answer sessions with guest speakers.

DETAILED UNITS OF INSTRUCTION:

This is an industry certification class, preparing students for careers in the Family & Human Services Industry and the Protective Services Industry. The students will be trained as Community Emergency Response Team members. The course will be taught in partnership with the Sacramento City Police Department. The course includes a rigorous first aid training program and CPR certification coursework. The course will also require students to participate in before school training and various after school community service projects.

Family & Human Services Units

1) Community Service Projects

- a. Provide medical and other organizational support for Special Olympics events in the Sacramento Area.
- b. Provide medical and other organizational support for American Cancer Society – Relay for Life

2) Rescue Me – An integrated thematic unit.

- a. Develop communication skills to promote positive interaction between individuals, families, and agencies.
- b. Understand how to use mediation, conflict resolution, and decision making skills with a diverse population.
- c. Understanding legal issues related to patient confidentiality.
- d. Develop an understanding of how to take care of yourself as a rescuer both physically and emotionally.

Community Emergency Response Team Units

1) Disaster Preparedness

- a. Disasters and Disaster Workers
- b. The impact on the Infrastructure
- c. Structural and Nonstructural Hazardous
- d. Hazard Mitigation
- e. Home and Workplace Preparedness
- f. Community Preparedness
- g. Protection for Disaster Workers

2) Fire Safety

- a. Fire Chemistry
- b. Fire Hazards
- c. Fire Safety
- d. Portable Fire Extinguishers
- e. Fire Suppression Safety
- f. Teamwork
- g. Hazardous Materials

3) Disaster Medical Operations

- a. Life Threatening Conditions
- b. Triage
- c. Public Health Considerations
- d. Functions of Disaster Medical Operations
- e. Disaster Medical Treatment Areas
- f. Patient Evaluation
- g. Basic Treatment of Burns, wounds, fractures, hypothermia, and nasal bleeding

4) Light Search and Rescue Operations

- a. Search and Rescue size up
- b. Conducting Search Operations
- c. Conducting Rescue Operations

5) CERT Organization

- a. CERT Organization
- b. Rescuer Safety
- c. Documentation
- d. Team Organization

6) Disaster Psychology

- a. Disaster Psychology
 - b. Caring for yourself, your buddy, and victims
- 7) **Terrorism and CERT**
- a. What Terrorism is
 - b. Terrorist Weapons
 - c. B-NICE Indicators
 - d. CERTs and Terrorist Incidents

All Units of Instruction will include:

- Introductory class discussion and teacher presentation
- Appropriate audio-visual media.
- Hands on learning activities
- Evaluation of student learning
- Student reading, writing, and oral component

SUBJECT AREA CONTENT STANDARDS TO BE ADDRESSED:

FAMILY & HUMAN SERVICES PATHWAY STANDARDS

D7.0 Students understand important safety, emergency, and disaster procedures to use for a variety of populations.

D7.1 Understand how to establish and promote good safety habits for all ages.

D7.2 Know the procedures for basic first aid and cardiopulmonary resuscitation (CPR) for infants, children, and adults.

D7.3 Understand the causes and prevention of common accidents and injuries.

D7.4 Know the correct procedures for dealing with emergencies and disasters.

D7.5 Understand the procedures that prevent the spread of illnesses, infections, and diseases, including blood-borne pathogens.

D7.6 Understand the specific health considerations of persons with disabilities.

D8.0 Students understand and apply interpersonal skills required to interact effectively with individuals and families.

D8.1 Know the strategies that promote positive interaction between individuals, families, and agencies.

D8.2 Understand effective ways to communicate and interact with culturally diverse individuals and families, such as using mediation, conflict resolution, and decision-making skills.

D8.3 Understand effective ways to teach individuals and families' communication, mediation, conflict-resolution, and decision-making skills.

D11.0 Students understand common problems and crises affecting individuals and families.

D11.1 Know the signs of emotional and physical abuse, emotional crises, and mental health issues, such as depression, isolation, substance abuse, and stress.

D11.2 Know how to identify behaviors that require intervention and outside assistance.

D11.3 Know how to provide the information that individuals and families need to make decisions about seeking professional help.

PROTECTIVE SERVICES PATHWAY STANDARDS

C1.0 Students apply cognitive, critical thinking and problem solving skills to formulate solutions to problems common in the protective services fields

C2.0 Students develop team building and leadership skills.

C3.0 Students understand the safety, health, and environmental responsibilities of those in the protective services pathway.

C4.0 Students access, manages, integrate, and create information by using information technology tools specific to the Protective Services Pathway

C5.0 Students understand the common objectives and mission of the protective services, which are to solve problems, save lives and protect property.

C6.0 Students understand the appropriate level of nutrition, fitness, and agility required by the protective services career fields.

C7.0 Students understand the use of active listening, clear reporting, and professional equipment to communicate effectively.

C8.0 Students understand the laws, ordinances, regulations, and organizational rules that guide their respective protective services career field.

C9.0 Students know the skills and equipment needed to deal with most protective service situations, from local emergencies to area-wide incidents.

THIS COURSE WILL PREPARE STUDENTS FOR THE CAHSEE AND/OR THE FCUSD EXIT EXAMS

Writing, Reading, Language Arts, Social Science, Science

LAB FEE REQUIRED: None

DISTRICT ESLRs TO BE ADDRESSED:

Students will be:

- **Self –Directed Learners:** students will work independently to determine first aid treatment for mock victims, and to complete research projects related to chosen career fields.
- **Effective Communicators:** student will communicate through both written and oral presentations made in class.
- **Quality Producers/Performers:** student work will be held to a high industry standard as set by industry certified trainers

- **Constructive Thinkers:** students will be able to size up emergency situations, document activities, and apply basic first aid skills in hands on –training situations.
- **Collaborative Workers:** students will understand the importance of teamwork and complete various projects as a member of a team
- **Responsible Citizens:** students will participate in community service activities and learn about the laws governing the protective services pathway.