

**FOLSOM CORDOVA UNIFIED SCHOOL DISTRICT**

**Course Outline  
Driver Education**

**Date:** November 2001

**Subject Area:** Health/Safety

**Proposed Grade Level(s):** 10<sup>th</sup> grade only

**Course Length:** 1 Semester

**Grading:** A-F or Pass/Fail

**Number of Credits:** 5

**Prerequisites:** None

**GENERAL GOALS/PURPOSES:**

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

- Demonstrate ways they can enhance and maintain their own well-being
- Describe the causes and prevention of car accidents
- Describe how defensive driving will promote life-saving techniques
- Describe the importance of being a safe driver
- Recognize the risks of substance abuse while driving a car
- Differentiate between good and bad driving habits
- Understand the basic concepts of first aid
- Demonstrate an understanding of professional oral presentation skills on driver education
- Effectively use advanced features of Microsoft Power Point for career reports
- Work professionally on their report with a client from the career department

**STUDENT READING COMPONENT:**

Students will be required to:

- Use the Internet to research driver education, careers, first aid-related topics
- Develop Power Point slide programs of health related topics for group presentations
- Read articles related to driver education, first aid and career education
- Read the Drive Right and California Driving Hand Book
- Read and comprehend test questions and answers
- Use the Internet to research a variety of topics, including presentation skills and tips and tricks for a variety of computer multimedia
- Read chapters 1-18 and do all homework assignments at the end of each chapter
- Read articles assigned about driver education

**STUDENT WRITING COMPONENT:**

Students will be required to:

- Write in response to driver education and careers
- Develop a driving plan
- Write stories, case studies and/ or scenarios of various first aid experiences
- Complete a notebook, which includes note taking from class lectures
- Develop a *Career Report* that includes:

- \* Cops test scores
- \* Personal data
- \* Resume
- \* Graft and explanation sheet of Cops scores
- Write 18 chapter homework assignments
- Analyze and critique a web site pertinent to driver education and careers
- Compose copies to be included in Microsoft Power Point presentations for their career report
- Complete scripts for oral presentations on driver education and careers

### **STUDENT ORAL COMPONENT:**

- Participate as a member of a group presentation of a driver education topic
- Respond to questions and participate in class discussions about homework in driver education and careers
- Interview someone regarding car insurance
- Participate in question/ answer sessions with guest speakers
- Present a variety of speaking situations, including descriptive, persuasive and informative

### **UNITS OF INSTRUCTION:**

Student learning expectancies for each unit:

#### **UNIT 1 - Driver Education**

A. **Teen Driving Guide** - In order to pass this phase of the driver education unit, the student must answer correctly at least 80% of the questions taken from the Teen Driving Guide.

#### **B. Units of Instruction in Driver Education –**

1. **You are the Driver:** The student will demonstrate knowledge of the highway transportation system and the responsibilities inherent in driving, i.e.,

- A system for driving
- What do drivers do: the driving task
- Driving responsibilities
- Driver education and responsible driving

2. **Signs, Signals, and Roadway Markings:** The Student will identify various roadside direction markings.

- Traffic signs
- Traffic signals
- Roadway markings

3. **Basic Car Control:** The student will identify the instrumentation on a vehicle and demonstrate an understanding of the pre-driving check off as listed:

- Instruments, controls, and devices
- Getting ready to drive
- Driving a car with an automatic transmission

4. **Making Safe Driving Decisions:** The student will identify the four steps of the IPDE process:

## **THE IPDE PROCESS**

- Safe path of travel
- Using the IPDE process

5. **Natural Laws and Car Control:** The student will demonstrate an understanding of various forces of nature and their effects on driving:

- Gravity and energy in motion
- Friction and traction
- Stopping distance
- Force of impact
- Safety belts and other restraint devices

6. **Performing Basic Car Maneuvers:** The student will indicate an understanding of the various driving and parking strategies required in the test for obtaining a driver's license as listed:

- Steering, signaling, and changing lanes
- Turns and turnabouts
- Parking
- Starting and parking on hills

7. **Negotiating Intersections:** The student will describe appropriate techniques in driving through intersections and the 2-3 second rule in the following situations:

- Uncontrolled intersections
- Controlled intersections
- Judging time, space, and distance
- Determining right-of-way
- Railroad crossings

8. **Sharing the Roadway:** The student will explain the appropriate procedures to follow when driving in the area of motorcyclists and by bicyclists:

- Interacting with motorcyclists
- Motorcyclist actions that can affect you
- Interacting with bicyclists

9. **Driving in Urban Areas:** The student will define and apply the special characteristics of city driving:

- Characteristics of town and city-driving
- Following and meeting traffic
- Using basic skills in traffic
- Adjusting to traffic patterns
- Pedestrians and other roadway users

10. **Driving in Rural Areas:** The student will describe the unique features of highway driving: characteristics of highway traffic

- Using basic skills in highway driving
- Passing and being passed
- Changes in the roadway and environment
- Interacting with special vehicles

11. **Driving on Expressways:** The student will demonstrate knowledge of expressway driving:

- Characteristics of expressway driving
- Entering expressways
- Driving on expressways
- Exiting expressways
- Special situations on expressways

12. **Driving in Adverse Conditions:** The student will identify various adverse driving conditions, and what special precautions should be taken with each:

- Reduced visibility
- Reduced traction
- Other weather conditions

13. **Handling Emergencies:** The student will identify several driving emergencies and explain actions to be taken in various situations:

- Vehicle malfunctions
- Driver errors

14. **Driver Condition and Risk:** The student will demonstrate an understanding of what compensations can be utilized to drive safely with a disability:

- Physical senses and driving
- Physical disabilities
- Emotions and driving
- Driving ability and managing risk

15. **Alcohol, Other Drugs, and Driving:** The students will explain the effects of alcohol on one's ability:

- Alcohol affects driver performance
- Laws governing alcohol use
- Other drugs and driving
- Alcohol, other drugs, and peer pressure

16. **Responsibilities of owning a vehicle:** The student will identify factors to consider when buying a vehicle and an understanding of comprehensive insurance coverage on a vehicle:

- Buying a car
- Insuring a car
- If you have a collision

17. **Maintaining a car:** Students will explain how to properly care for a vehicle:

- Owner maintenance
- Preventative maintenance
- Improvements for saving fuel

18. **Planning your travel:** The student will demonstrate an understanding of driving for pleasure as it relates to the following areas:

- Local travel
- Long-distance travel
- Recreation vehicles and trailers

**C. Concept Words/Terms:** The student will demonstrate knowledge of the following concepts, words/terms and will use them in written and/ or oral communication:

collision  
defensive driving  
execute  
highways transportation system  
maximum speed limit  
predict  
pedestrian signal  
regulatory sign  
accelerator  
vehicle code  
decide  
international symbols  
automatic choke  
blind spot  
downshifting  
emergency flasher  
foot-brake pedal  
friction point  
head restraints  
hood release  
ignition switch  
odometer  
parking brake  
riding the clutch  
seat adjustment  
shift indicator  
compromise space  
field of vision  
minimize  
predict  
selective seeing  
traction  
over steer  
perpendicular parking  
under steer  
cross buck  
delayed green light  
gap  
right-of-way  
unprotected left turn  
banked curve  
force of impact  
perception distance  
reaction distance  
restraint divide  
tread  
front brake  
helmet  
rear brake

basic speed law  
guide sign  
lane signal  
identify  
IPDE process  
minimum speed limit  
roadway users  
roadway marking  
right-turn-on-red  
right-of-way  
flashing signal  
alternator warning light  
school zone  
traffic signal  
warning sign  
yield  
compromise space  
execute  
field of vision  
minimize  
orderly visual search pattern  
predict  
safe path of travel  
selective seeing  
sight adjustment  
traction  
execute  
IPOE process  
orderly visual search pattern  
safe path of travel  
sight distance  
angle parking  
parallel parking  
turnabout  
controlled intersection  
controlled railroad crossing  
fresh green light  
protected left turn  
uncontrolled railroad crossing  
yield  
braking distance  
friction  
perception time  
reaction time  
total stopping distance  
face shield  
goggles  
protective equipment  
adjusting speed

covering the brake  
riding the brake  
tailgating  
escape path  
median strip  
pull-out area  
slow moving vehicle  
vapor lock  
acceleration lane  
deceleration lane  
emergency flares  
highway hypnosis  
minimum speed limit  
velocitation  
hydroplaning  
rocking the car  
tire chains  
brake fade  
jack  
wheel cover  
central vision  
color-blindness  
field of vision  
night blindness  
tunnel vision  
depressant  
field sobriety test  
hallucinogen  
intoxilyzer  
peer pressure  
stimulant  
blue book  
lending agencies  
liability insurance  
policy  
uninsured motorist  
alternator  
bias-ply tire  
disc brake  
master cylinder  
radial tire  
shock absorber  
map scale  
recreational vehicle  
safety chains  
trailer

overstake  
stall green light  
advisory speed sign  
flash flood  
multilane highway  
sight distance  
switchback  
orderly visual search pattern  
common speed  
controlled-access highway  
unit ramp  
merging area  
rumble strip  
controlled braking  
overdriving headlights  
stopping time  
blowout  
counter steer  
lug nuts  
carbon monoxide  
chronic illness  
depth perception  
glare recovery time  
risk-taking behavior  
visual acuity  
blood alcohol concentration  
driving while intoxicated  
implied consent law  
peer group counseling  
soft drink  
assigned risk insurance  
deductible  
financial responsibility law  
no-fault insurance  
premium  
warranty  
belted tire  
carburetor  
drum brake  
oil pump  
radiator  
legend  
navigating

#### **D. Methods of Evaluation**

1. Chapter and/or unit tests
2. Class participation
3. Oral written essays/reports

## **UNIT II - First Aid**

### **A. The students will demonstrate knowledge of the following units of First Aid:**

1. Definitions
2. Reasons for first aid
3. Value of First Aid training
4. General Directions for giving first aid

### **B. Wounds** -The student will identify various types of wounds and what the first aid procedure is for each.

1. Definitions
2. Common causes
3. Symptoms
4. First aid for open wounds
5. First aid for severe bleeding
6. Prevention of contamination and infections
7. Bites
8. Closed wounds
9. Prevention of wound-causing accidents

### **C. Specific Injuries** -The student will demonstrate understanding of the correct first aid procedures for specific injuries:

1. Definitions
2. Eye injuries
3. Head injuries
4. Neck injuries
5. Wounds of the chest
6. Abdominal injuries
7. Back injuries
8. Injuries to genital organs
9. Injuries to legs and feet
10. Hand injuries -first aid
11. Blisters - first aid

### **D. Shock**- The student will be able to recognize the symptoms of shock and what type of treatment should be administered:

1. Definitions
2. Causes
3. Signs and symptoms
4. Treatment objectives
5. First Aid

### **E. Respiratory Emergencies and Artificial Respiration** -The student will recognize situations that require the offering of CPR and will be able to identify precautionary measures to be used in swimming and boating:

1. Definitions
2. Causes of respiratory failure
3. The breathing process
4. Artificial respiration
5. Cardio-pulmonary resuscitation
6. Prevention of respiratory accidents
7. Swimming safety tips
8. Boating safety tips

**F. Swallowed objects and choking** - The student will correctly identify the steps of the Heimlich maneuver

1. Causes of choking
2. Signs and symptoms
3. First aid
4. Prevention

**G. Poisoning** -The student will identify correct calling procedure to contact Poison Control Center. The student will demonstrate an understanding of how to prevent poisoning and what precautions could be used to prevent poisoning.

1. Definitions
2. Causes
3. Signs and symptoms
4. Objective in treatment of poisoning by mouth
5. First aid
6. Contact poisons
7. Prevention
8. Poisoning by marine life
9. Poisonous insect bites
10. Poisonous snake bites
11. Prevention of accidental poisoning

**H. Burns** -The student will demonstrate appropriate first aid procedures for first, second and third degree burns.

1. Definitions
2. Causes and effects
3. Classification
4. Extent and location
5. First aid
6. Prevention of heat emergencies

**I. Frostbite and Cold Exposure** -The student will demonstrate an understanding of the prevention of exposure and what to do to minimize the effects of frostbite and cold.

1. Frostbite
2. Cold exposure
3. Prevention of injuries from extreme cold

**J. Heat Stroke, Heat Cramps, and Heat Exhaustion** -The student will identify effective means to prevent and reduce the effects of heat exposure and what first aid procedures are available.

4. Definition
5. Causes
6. Heat stroke
7. Heat cramps
8. Heat exhaustion

**K. Sudden Illness** - The student will demonstrate an understanding of the symptoms of a heart attack, stroke, convulsion and epilepsy.

1. Heart attack
2. Stroke
3. Fainting
4. Convulsions
5. Epilepsy
6. Prevention of heart attack



**L. Bone and Joint Injuries** -The student will be able to recognize and differentiate between a fracture, sprain, and strain.

1. Definition
2. Fractures
3. Specific fractions
4. Dislocation
5. Sprains and strain
6. Strains
7. Prevention of accidents resulting in skeletal and muscular injuries

**M. Evaluation**

1. Units and/or chapter tests
2. Class participation
3. Demonstrations of first aid techniques

**UNIT III - Careers Education**

**A.** The student will receive an orientation to the career center in order to:

1. Complete three career/occupation reports.
2. Demonstrate knowledge of the locations of vocational/military/college/ and university information.
3. R.O.P./Work Experience Programs

**B.** The student will take the profile COPS Inventory; this inventory should offer interest information to the student as an assist in preparation for future careers.

**C.** The student will demonstrate knowledge of the appropriate steps in preparation for a job interview and how one should conduct oneself during the course of a job interview.

**D.** The student will demonstrate an understanding of the following tests:

1. Preliminary Scholastic Aptitude Test (PSAT)
2. Scholastic Aptitude Test (SAT)
3. American College Test (ACT)

**E.** The student will display knowledge of the entrance requirements, general major offerings, financial costs, and geographic locations of the following higher education systems:

1. Community College
2. California State University
3. University of California

**UNIT IV - Disasters / Environmental Issues**

**A. Fire**

1. The student will design a house fire escape plan.
2. The student will develop a prevention plan.
3. The student will demonstrate knowledge of what to do in case of a fire.

**B. Floods** (Focus on Sacramento area: Auburn Dam, Folsom Dam and river system)

1. The student will demonstrate understanding of how we may prevent floods.
2. The student will demonstrate understanding of the precarious nature of Sacramento.
3. The student will demonstrate knowledge of what to do in case of a flood.

**C. Pollution** (water, noise, air, radiation)

1. The student will demonstrate knowledge of the extent of a problem.
2. The student will identify problems associated with pollution.
3. The student will show knowledge of some possible solutions to the problems of pollution.

**THIS COURSE WILL PREPARE STUDENTS FOR THE HSEE:**

- Writing
- Reading
- Language Arts

**LAB FEE IF, REQUIRED:** None

**SUBJECT AREA CONTENT-STANDARDS TO BE ADDRESSED:**

Students will be able to:

- Pass test on Chapter 1: You are the Driver. Demonstrate knowledge of defensive driving, to be a responsible driver.
- Pass test on Chapter 2: Signs Signals, Roadway Markings. Be able to identify and describe signs, signals and roadway markings. .
- Pass test on Chapter 3: Basic Car Control. Complete multiple choice, identify and locate instruments on car
- Pass test on Chapter 4: Making Safe Driving Decisions - The IPDE Process Be able to explain the purpose of the IPDE process.
- Pass test on Chapter 5: Natural Laws and Car Control. Describe gravity and energy of motion. Explain friction and fraction. Understand force of impact and restraint devices.
- Pass test on Chapter 6: Performing Basic Car Maneuvers. Practice hand position, hand signals and explain basic car maneuvers.
- Pass test on Chapter 7: Negotiating Intersections. Be able to describe: controlled and uncontrolled intersections.
- Pass test on Chapter 8: Sharing the Roadway. All students will be able to describe and explain problems sharing the roadway.
- Pass test on Chapter 9: Driving in Urban Areas. All students will be able to describe and explain problems driving in urban areas.
- Pass test on Chapter 10: Highway Driving. All students will be able to describe and explain problems driving on a highway.
- Pass test on Chapter 11: Expressway Driving. All students will be able to describe and explain problems driving on an expressway.
- Pass test on Chapter 12: Adverse Conditions. All students will be able to describe and explain problems of adverse conditions.
- Pass test on Chapter 13: Emergencies. All students will be able to describe and explain problems of emergencies.
- Pass test on Chapter 14: Your Responsibilities as a Driver. Complete multiple choice, completion and vocabulary questions. All students will be able to describe and explain the effects of driver condition on risk taking.

- Pass test on Chapter 15: Alcohol, Other Drugs, and Driving. Complete multiple choice, completion and vocabulary questions. All students will be able to describe and explain alcohol, other drugs, and driving.
- Pass test on Chapter 16: Buying and Insuring a Car. Complete multiple choice, completion and vocabulary questions. All students will be able to describe and explain responsibilities of owning a vehicle.
- Pass test on Chapter 17: Owning and Maintaining a Car. Complete multiple choice, completion and vocabulary questions.
- Pass test on Chapter 18: Driving for Pleasure. Complete multiple choice, completion and vocabulary questions. All students will be able to demonstrate and explain planning your travel.

### Every 15 Minutes

Outstanding program - Should be presented every year.

Recommendation:

1. Have presentation in football stadium
2. Helicopter arrival north end of stadium
3. All students set in west end of stadium
4. Much demonstration- set up on west end of track
5. Follow up – show video in all Driver Education Classes
6. Hand out "Every 15 Minutes" package in Driver Education
7. Have all participants rally in gym

### Driver Education Speakers

Speaker Name	Organization	Phone Number
Jim Cooper	Sacramento Sheriff Dept.	(916) 723- 2024
eff Bech	Designated Driver	(916) 371 -4555
Dan Floyd	Roadway Express	(916) 322 -2905
Russell Turner	Crime and Violence Prevention	(916) 481 -1940

"Folsom Auto Mall" Any New and Used Car Salesman"  
 Insurance "Car" "local Insurance Brochure

## Driver Education

### Other Resource Booklets:

#### Shell Oil: (May be picked up at local service station)

Energy Book  
Gasoline Mileage Book  
Car Buying & Selling Book  
100,000-Mile Book  
Rush Hour Book  
Car Repair Shopping Book  
Car Crime Prevention  
Car Fix-up  
Foul Weather Driving Book  
Unexpected Dangers Book  
Driving Skills Book  
Accident Book  
Self-Service Book  
Tune-up Book  
Gasoline Book  
Driving Hazards Book  
Longer Car Life Book  
Protect Your Car and the Environment  
Driving Dangers  
How to Help the Injured and Maybe Save a Life  
How to Keep Your Car Healthy

#### AAA:

(Call your local dealer)  
Oilscan  
Theft and Fire  
CSAA Diagnostic Clinic  
Distress Signal  
Car Care  
Directory of California & Nevada Repair Facilities

#### DMV:

“Report of Traffic Accident” (916)-983-0121