**GRADES 9-12** 

## **Driver Education**



IDAHO DEPARTMENT OF EDUCATION STUDENT ENGAGEMENT & SCHOOL CHOICE | DRIVER EDUCATION

650 W STATE STREET, 2ND FLOOR BOISE, IDAHO 83702 208 332 6800 OFFICE / 711 TRS WWW.SDE.IDAHO.GOV

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# **Driver Education Grades 9-12**

FINAL DRAFT

#### 1. COURSE OVERVIEW AND PARENT ORIENTATION

#### **Understanding Course Requirements**

Code	Standard
9-12.DE.1.1	The student and parent/guardian will be presented the Idaho public driver education and training program goals.
9-12.DE.1.2	The student and parent/guardian will be presented the course structure, policies, and rules.
9-12.DE.1.3	The student and parent/guardian will be presented the Graduated Driver Licensing Law and procedures for compliance.
9-12.DE.1.4	The student and parent/guardian will be presented the responsibilities of the instructor, parent, and student during the course.
9-12.DE.1.5	The student and parent/guardian will be presented the process of obtaining, maintaining, and renewing, an Idaho driver's license.
9-12.DE.1.6	The student and parent/guardian will be presented the types of driver's licenses and instruction permits.
9-12.DE.1.7	The student and parent/guardian will be presented special information that may be placed on a driver license or instruction permit.
9-12.DE.1.8	The student and parent/guardian will be presented licensing restrictions, suspensions, and revocations placed on driving privileges.
9-12.DE.1.9	The student and parent/guardian will be presented the purpose of the Supervised Driving Guide or a comparable document.

## **Understand the Nature of Driving**

Code	Standard
9-12.DE.1.10	The student will examine the behaviors resulting in driver errors and crashes in Idaho.
9-12.DE.1.11	The student will examine crash statistics in Idaho and nationally.
9-12.DE.1.12	The student will review the risks associated with poor driving habits and how risk can be minimized.

#### 2. VEHICLE AWARENESS

## **Identifying Gauges and Warning Symbols Inside of a Vehicle**

Code	Standard
9-12.DE.2.1	The student will locate and describe the function of alert and warning symbols and gauges found in a vehicle.
9-12.DE.2.2	The student will locate and describe the section of the owner's manual indicating the importance of safely and responsibly maintaining the vehicle.

#### **Operating Vehicle Control Devices**

Code	Standard
9-12.DE.2.3	The student will describe and demonstrate the use of vehicle control devices found in a driver education vehicle.
9-12.DE.2.4	The student will describe and demonstrate the use of safety, communication, and convenience devices found in a driver education vehicle.

## **Understanding Advanced Driver-Assistance Systems (ADAS) Safety Features**

Code	Standard
9-12.DE.2.5	The student will identify vehicle safety technology.
9-12.DE.2.6	The student will describe advanced driver-assistance systems (ADAS), including the benefits and concerns that enhance the safety of the driver and other users of the highway transportation system.
9-12.DE.2.7	The student will identify safety features within the categories of advanced driver-assistance system safety features.
9-12.DE.2.8	The student will identify the performance abilities and limitations of current safety features.
9-12.DE.2.9	The student will understand how to use safety features safely and effectively.

## **Preparing to Drive**

Code	Standard
9-12.DE.2.10	The student will describe and demonstrate pre-entry tasks.
9-12.DE.2.11	The student will describe and demonstrate entry tasks made prior to starting and moving a motor vehicle to accommodate air bags and maximize safety.
9-12.DE.2.12	The student will describe and demonstrate check all passengers for safety restraint use.
9-12.DE.2.13	The student will describe and demonstrate traditional and enhanced mirror adjustments to reduce blind spots and glare.
9-12.DE.2.14	The student will describe and demonstrate the steps involved in securing a vehicle after it is stopped, and a drive is completed.

## **Protecting Occupants**

Code	Standard
9-12.DE.2.15	The student will describe the three collisions of a crash and the effect on the restrained and unrestrained human body.
9-12.DE.2.16	The student will identify and/or describe locations and purpose of airbags, belt adjusters, and head restraints and demonstrate proper adjustments and operation to provide crash survival protection.

#### 3. TRAFFIC CONTROL

#### **Traffic Control Devices and Laws**

Code	Standard
9-12.DE.3.1	The student will describe the purposes for traffic control devices.
9-12.DE.3.2	The student will list the colors and shapes and describe the functions of traffic signs, traffic signals, and traffic signal/sign combinations.
9-12.DE.3.3	The student will list and explain meanings of colors and meaning of roadway markings.
9-12.DE.3.4	The student will describe and/or demonstrate appropriate driver responses to roadway signs, traffic signals, and roadway markings.
9-12.DE.3.5	The student will apply traffic laws for operating a motor vehicle on public streets and highways.

## **Right of Way Rules**

Code	Standard
9-12.DE.3.6	The student will define "right of way".
9-12.DE.3.7	The student will discuss the consequences for failure to yield the right of way.
9-12.DE.3.8	The student will apply the rules of yielding the right of way at intersections.
9-12.DE.3.9	The student will apply the rules of yielding the right of way when merging.
9-12.DE.3.10	The student will discuss reasons for and/or apply rules of yielding right of way to emergencies, vehicles, funerals, school buses, and pedestrians.
9-12.DE.3.11	The student will discuss and/or apply rules of yielding in school zones and construction zones.
9-12.DE.3.12	The student will discuss and/or apply rules of yielding right of way at intersections with highway-rail grade crossings.
9-12.DE.3.13	The student will discuss and/or demonstrate procedures to safely navigate a center shared turn lane, turn lanes and roundabouts.

## 4. VEHICLE CONTROL

## **Vehicle Positioning**

Code	Standard
9-12.DE.4.1	The student will identify, describe, and/or demonstrate the blind areas to the front, sides, and rear of a vehicle.
9-12.DE.4.2	The student will identify, describe, and/or demonstrate a visual reference point that will place the front bumper at a line or curb when stopping.

Code	Standard
9-12.DE.4.3	The student will identify, describe, and/or demonstrate a visual reference point that will place the right-side tires 6-12 inches, 3 feet, and 6 feet from a line or curb.
9-12.DE.4.4	The student will identify, describe, and/or demonstrate a visual reference point that will place the left side tires 6-12 inches from a line or curb.
9-12.DE.4.5	The student will identify, describe, and/or demonstrate a visual reference point for placement of a vehicle in the center of a lane.
9-12.DE.4.6	The student will identify, describe, and/or demonstrate visual reference points for placement of the rear bumper at a line or curb.
9-12.DE.4.7	The student will identify, describe, and/or demonstrate lane placement and visual reference points for setup, entry to, and exiting from a turn.

## **Performing Basic Control**

Code	Standard
9-12.DE.4.8	The student will describe and demonstrate proper starting procedures.
9-12.DE.4.9	The student will describe and demonstrate steering wheel control techniques and when each is used.
9-12.DE.4.10	The student will describe and demonstrate procedures for entering and leaving the roadway.
9-12.DE.4.11	The student will describe and demonstrate acceleration control.
9-12.DE.4.12	The student will describe and demonstrate controlled, threshold, and trail braking control.
9-12.DE.4.13	The student will describe and demonstrate proper entry into and exit out of a 90-degree corner.
9-12.DE.4.14	The student will describe and demonstrate procedures for left and right precision turns from a stopped and moving position.

Code	Standard
9-12.DE.4.15	The student will describe and demonstrate procedures for backing straight and while turning.

## **Lane Changes and Passing**

Code	Standard
9-12.DE.4.16	The student will describe and demonstrate compliance with the legal requirements for a lane change.
9-12.DE.4.17	The student will describe and demonstrate safe gap selection for a lane change.
9-12.DE.4.18	The student will describe and demonstrate appropriate lane positions prior to a lane change.
9-12.DE.4.19	The student will describe and demonstrate effective speed adjustments for a lane change.
9-12.DE.4.20	The student will describe and demonstrate effective blind area checks, and mirror use prior to making a lane change.
9-12.DE.4.21	The student will describe the legal requirements for passing.
9-12.DE.4.22	The student will describe safe gap selection and lane return for passing another vehicle.
9-12.DE.4.23	The student will describe effective speed adjustments for passing another vehicle and lane return.
9-12.DE.4.24	The student will describe appropriate lane positions prior to passing another vehicle.

## **Performing Turnabouts**

Code	Standard
9-12.DE.4.25	The student will describe and demonstrate U-Turns.
9-12.DE.4.26	The student will describe and demonstrate 2-Point Turns.
9-12.DE.4.27	The student will describe and demonstrate 3-Point Turns.

## **Parking Maneuvers**

Code	Standard
9-12.DE.4.28	The student will demonstrate angled parking.
9-12.DE.4.29	The student will demonstrate parallel parking.
9-12.DE.4.30	The student will demonstrate street/carb parking.
9-12.DE.4.31	The student will demonstrate perpendicular forward parking.
9-12.DE.4.32	The student will demonstrate perpendicular backing-into parking.
9-12.DE.4.33	The student will demonstrate parking on a hill- uphill with a curb.
9-12.DE.4.34	The student will demonstrate parking on a hill- uphill without a curb.
9-12.DE.4.35	The student will demonstrate parking on a hill- downhill with a curb.
9-12.DE.4.36	The student will demonstrate parking on a hill- downhill without a curb.
9-12.DE.4.37	The student will demonstrate recognition of restricted parking areas.

#### 5. CONTROLLING THE AREA AROUND YOUR VEHICLE

## **Using Vision for Vehicle Control**

Code	Standard
9-12.DE.5.1	The student will identify fields of vision and their use while operating a motor vehicle.
9-12.DE.5.2	The student will analyze the effect speed has on vision.
9-12.DE.5.3	The student will identify techniques to improve vision while driving.
9-12.DE.5.4	The student will Describe the vehicle control sequence of vision, motion, and steering control.
9-12.DE.5.5	The student will discuss how optical illusions can affect the driving task.

## **Time and Space Management Systems and Strategies**

Code	Standard
9-12.DE.5.6	The student will describe and/or demonstrate the components of a space management system.
9-12.DE.5.7	The student will describe and/or demonstrate responses to changes in line-of-sight restrictions.
9-12.DE.5.8	The student will describe and/or demonstrate responses to changes in path of travel restrictions.
9-12.DE.5.9	The student will describe and/or demonstrate the six zone locations around a vehicle.
9-12.DE.5.10	The student will describe and/or demonstrate adjusting lane positions and speed to control space around a vehicle.
9-12.DE.5.11	The student will describe and/or demonstrate how to select a safe gap for vehicle maneuvers.
9-12.DE.5.12	The student will describe and/or demonstrate responses to traffic to the front, sides, and rear of the vehicle.

Code	Standard
9-12.DE.5.13	The student will describe and/or demonstrate safe following intervals.
9-12.DE.5.14	The student will describe and/or demonstrate appropriate communication techniques to inform other roadways users of driver actions prior to a speed or lane position adjustment.

#### Intersections

Code	Standard
9-12.DE.5.15	The student will identify and/or describe appropriate responses to/for recognition of and responses to different intersection types.
9-12.DE.5.16	The student will identify and/or describe appropriate responses to/for searching for and responding to traffic signs, signals, and markings at intersections.
9-12.DE.5.17	The student will identify and/or describe appropriate responses to/for identification of and response to controlled and uncontrolled railroad crossings.
9-12.DE.5.18	The student will identify and/or describe appropriate responses to/for visual searching skills to the left, front, right, and rear of the vehicle at intersections.
9-12.DE.5.19	The student will identify and/or describe appropriate responses to/for visual searching skills to identify and select the best lane position, best speed, and communication at intersections.
9-12.DE.5.20	The student will identify and/or describe appropriate responses to/for recognition of and response to legal, staggered, and safety stop positions at intersections.

#### 6. THE PHYSICS OF DRIVING

## The Effects of Gravity and Energy of Motion on a Vehicle

Code	Standard
9-12.DE.6.1	The student will describe and/or demonstrate definitions of gravity and energy of motion.
9-12.DE.6.2	The student will describe and/or demonstrate the effects gravity and energy of motion have on friction and traction.
9-12.DE.6.3	The student will describe and/or demonstrate the effect of speed on energy of motion.
9-12.DE.6.4	The student will describe and/or demonstrate the forces of an impact.
9-12.DE.6.5	The student will describe and/or demonstrate the impact of tire condition and air pressure on traction.
9-12.DE.6.6	The student will describe and/or demonstrate the forces involved while in a curve.
9-12.DE.6.7	The student will describe and/or demonstrate the factors that affect braking distance.
9-12.DE.6.8	The student will describe and/or demonstrate the consequences of vehicle modifications on vehicle balance and traction.
9-12.DE.6.9	The student will describe and/or demonstrate the forces of energy on vehicles of different weights and size.
9-12.DE.6.10	The student will describe and/or demonstrate the effect of vehicle load on vehicle balance.
9-12.DE.6.11	The student will describe and/or demonstrate the cause and effect of vehicle load changes from side to side, front to rear, and rear to front.
9-12.DE.6.12	The student will describe and/or demonstrate how aggressive steering, braking, and acceleration affects vehicle balance and control.
9-12.DE.6.13	The student will describe and/or demonstrate traction loss to both the front and rear wheels.

Code	Standard
9-12.DE.6.14	The student will describe and/or demonstrate how to manage traction loss on a front-wheel drive, rear-wheel drive, and all-wheel drive vehicle.
9-12.DE.6.15	The student will describe and/or demonstrate conditions that can create traction loss and vehicle imbalance.
9-12.DE.6.16	The student will describe and/or demonstrate how traction and vehicle balance are affected by steering, acceleration, deceleration, and roadway surfaces.
9-12.DE.6.17	The student will describe and/or demonstrate the function, advantages, and proper braking techniques of two and four-wheel anti- lock braking systems.
9-12.DE.6.18	The student will describe and/or demonstrate various steering, stability control, and traction control systems.

## **Negotiating Hills and Curves**

Code	Standard
9-12.DE.6.19	The student will describe and/or demonstrate line of sight and path of travel restrictions on hills and curves.
9-12.DE.6.20	The student will describe and/or demonstrate proper approach to hills and curves.
9-12.DE.6.21	The student will describe and/or demonstrate proper speed for ascending and descending a hill.
9-12.DE.6.22	The student will describe and/or demonstrate proper stopping and starting on a hill.
9-12.DE.6.23	The student will describe and/or demonstrate proper speed and lane positions for approach, apex and exit on hills and curves.
9-12.DE.6.24	The student will describe and/or demonstrate conditions that can affect traction and procedures to maintain traction on hills and curves.

#### 7. DRIVING ENVIRONMENTS

## **Rural Driving**

Code	Standard
9-12.DE.7.1	The student will describe and/or demonstrate characteristics and hazards of rural driving environments.
9-12.DE.7.2	The student will describe and/or demonstrate recognition and response to signs, signals, and markings in rural environments.
9-12.DE.7.3	The student will describe and/or demonstrate responses to animals in rural areas and abide by Idaho's Open Range Law.
9-12.DE.7.4	The student will describe and/or demonstrate responses to road conditions and surfaces with proper lane selection, lane position, and speed in rural environments.
9-12.DE.7.5	The student will describe and/or demonstrate recognition of and responses to slow moving vehicles.

## **Urban Driving**

Code	Standard
9-12.DE.7.6	The student will describe and/or demonstrate characteristics and hazards of urban driving environments.
9-12.DE.7.7	The student will describe and/or demonstrate recognition and response to signs, signals, and markings in urban environments.
9-12.DE.7.8	The student will describe and/or demonstrate recognition of and response to problems due to congestion and plan alternate appropriate routes.
9-12.DE.7.9	The student will describe and/or demonstrate responses to road conditions and surfaces with proper lane selection, lane position, and speed in urban environments.
9-12.DE.7.10	The student will describe and/or demonstrate appropriate lane choice, lane changes and passing.

## **Driving with Limited Access Highways (Freeways)**

Code	Standard
9-12.DE.7.11	The student will describe and/or demonstrate the characteristics, advantages, and disadvantages of limited access highways (freeways).
9-12.DE.7.12	The student will describe and/or demonstrate recognition of and responses to signs, signals, and markings on limited access highways (freeways).
9-12.DE.7.13	The student will describe and/or demonstrate recognition of and responses to the types of expressway interchanges.
9-12.DE.7.14	The student will describe and/or demonstrate appropriate lane choice, lane changes and passing.
9-12.DE.7.15	The student will describe and/or demonstrate recognition of and responses to problems due to congestion and plan alternate appropriate routes.
9-12.DE.7.16	The student will describe and/or demonstrate appropriate entering and exiting limited access highways (freeways).
9-12.DE.7.17	The student will describe and/or demonstrate recognition of how higher speeds affect vehicle control.

## **Driving at Night and in Other Reduced Visibility Conditions**

Code	Standard
9-12.DE.7.18	The student will describe and/or demonstrate sources of glare and procedures to protect from glare.
9-12.DE.7.19	The student will describe and/or demonstrate driving strategies during low light or darkness conditions.
9-12.DE.7.20	The student will describe and/or demonstrate the laws and the proper use of headlights.
9-12.DE.7.21	The student will describe and/or demonstrate limited visibility conditions and procedures to reduce risk.

## **Driving During Adverse Weather Conditions**

Code	Standard
9-12.DE.7.22	The student will describe and/or demonstrate adverse weather driving.
9-12.DE.7.23	The student will describe and/or demonstrate risks associated with and strategies to compensate for driving during adverse weather driving conditions.

#### 8. COOPERATING WITH OTHER ROADWAY USERS

## **Driving Within the Highway Transportation System**

Code	Standard
9-12.DE.8.1	The student will describe the components of the Highway Transportation System.
9-12.DE.8.2	The student will describe the impact and consequences of personal driving attitudes, choices, and behaviors on themselves and others.
9-12.DE.8.3	The student will describe driver responsibilities for sharing the road with a variety of motorized and non- motorized roadway users and animals.
9-12.DE.8.4	The student will describe procedures for traffic stops by a police officer.
9-12.DE.8.5	The student will describe how to predict and anticipate the behaviors of other road-users.

## **Responding to Emergencies**

Code	Standard
9-12.DE.8.6	The student will identify and/or describe appropriate responses to/for sudden tire deflation, problems with the accelerator, engine, cooling system, steering, electrical system, lighting, brake failures, vehicle fire, etc.
9-12.DE.8.7	The student will identify and/or describe appropriate responses to/for conditions resulting in skids.
9-12.DE.8.8	The student will identify and/or describe appropriate responses to/for conditions requiring emergency evasive steering.
9-12.DE.8.9	The student will identify and/or describe appropriate responses to/for returning a vehicle to the roadway from an off-road condition.

## Responsibilities after a Crash

Code	Standard
9-12.DE.8.10	The student will describe Idaho's Good Samaritan Law.
9-12.DE.8.11	The student will describe what to do at the scene of a crash.
9-12.DE.8.12	The student will describe the criteria for when law enforcement must be called after a crash.
9-12.DE.8.13	The student will describe the importance of following emergency personnel's directions.
9-12.DE.8.14	The student will describe Idaho's vehicle insurance requirements.

#### 9. BEING A RESPONSIBLE DRIVER

## **Effects of Emotions on Driving**

Code	Standard
9-12.DE.9.1	The student will describe and/or discuss emotions and their effect on driver attitudes, choices, and behaviors.
9-12.DE.9.2	The student will describe and/or discuss ways to manage emotions while driving.

## **Disabilities and Driving**

Code	Standard
9-12.DE.9.3	The student will describe and/or discuss temporary and permanent disabilities that may affect the driving task.
9-12.DE.9.4	The student will describe and/or discuss actions drivers can take to compensate for disabilities while driving.

## **Alcohol and Drugs**

Code	Standard
9-12.DE.9.5	The student will describe and/or discuss how legal and illegal alcohol and drugs affect people differently.
9-12.DE.9.6	The student will describe and/or discuss the amount of alcohol in various drinks.
9-12.DE.9.7	The student will describe and/or discuss the multiplying effects of alcohol and/or drugs.
9-12.DE.9.8	The student will describe and/or discuss the effects of alcohol and drugs on driver perception, vision, reaction time, and risk-taking.

Code	Standard
9-12.DE.9.9	The student will describe and/or discuss the increased probability of being involved in a fatal traffic crash after drinking and/or using drugs.

## Alcohol/Drug Involved Crashes and Idaho Law

Code	Standard
9-12.DE.9.10	The student will describe and/or discuss facts about teenage, impaired driving in Idaho and the United States.
9-12.DE.9.11	The student will describe and/or discuss reasons and excuses for why people drive impaired.
9-12.DE.9.12	The student will describe and/or discuss the effect impaired crashes have on families and communities.
9-12.DE.9.13	The student will describe and/or discuss Idaho rules, regulations, and penalties for alcohol and drug use.
9-12.DE.9.14	The student will describe and/or discuss ways to intervene when someone is impaired and intends to drive.

## **Drowsy Driving**

Code	Standard
9-12.DE.9.15	The student will describe and/or discuss the physical and mental symptoms and effects of fatigue on driver behavior.
9-12.DE.9.16	The student will describe and/or discuss strategies to prevent and/or reduce driving while fatigued and drowsy.

## **Aggressive Driving**

Code	Standard
9-12.DE.9.17	The student will discuss aggressive driving behaviors.
9-12.DE.9.18	The student will discuss strategies to reduce conflicts while driving.
9-12.DE.9.19	The student will discuss how emotions and situations can lead to dangerous driving behaviors.
9-12.DE.9.20	The student will discuss how aggressive driving behaviors can lead to road rage.

## **Distracted Driving**

Code	Standard
9-12.DE.9.21	The student will identify and describe how mental, physical, and visual distractions affect driving.
9-12.DE.9.22	The student will identify and describe how mobile devices and other technologies can create distractions while driving.
9-12.DE.9.23	The student will identify and describe how passengers can create distractions while driving.
9-12.DE.9.24	The student will identify and describe personal habits that can create distractions while driving.
9-12.DE.9.25	The student will identify and describe conditions inside and outside the vehicle that can create distractions while driving.
9-12.DE.9.26	The student will identify and describe strategies for reducing distractions while driving.
9-12.DE.9.27	The student will identify and describe the relationship between distracted driving and vehicle crashes and fatalities in Idaho and nationally.



#### **For Questions Contact**

Benjamin Puga
Driver Education Coordinator
Idaho State Department of Education
650 W State Street, Boise, ID 83702
208 332 6984 www.sde.idaho.gov
bpuga@sde.idaho.gov