



Driver Education Course Goals

Introduction

The purpose of this Driver Education course is to transfer knowledge, develop skills, and enhance the disposition of the teen, so he/she can perform as a safe and competent driver, thereby contributing to the reduction of crashes, fatalities, and injuries. This course is built on a foundation that addresses what students will know and be able to do as a result of their participation in the program. Driver education is an integral part of the total educational program of schools, comprehensive in scope, preventive in design, and developmental in nature. It is very important that the student receive extended practice with a licensed adult, parent/guardian, or qualified driver to develop successful skills, processes, habits, and responsibilities.

Course: Driver Education

Subject Area: Local Academic Credit

Teacher Licensure: Please refer to the Course Code Management System (<https://adedata.arkansas.gov/ccms/>) for the most current licensure codes.

Grades: 9-12

Course Number: 690040

Course Goals

Driver education goals are designed to assure that the novice driver will be a capable person who is able to:

1	Demonstrate a working knowledge of rules and regulations; federal and state laws; procedures of operating a motor vehicle; and other responsibilities associated with the driving privilege.
2	Use visual search skills to obtain correct information and make reduced-risk decisions for effective speed and position adjustments.
3	Interact with other users of the Highway Transportation System by adjusting speed, space, and communications to avoid conflicts and reduce risk.
4	Demonstrate balanced vehicle movement through steering, braking, and accelerating in a precise and timely manner throughout a variety of adverse conditions.
5	Recognize vehicle technology systems and explain the benefit of braking, traction, and intelligent handling and stability systems.
6	Confirm the need to protect oneself and others by using active and passive vehicle occupant protection systems.
7	Display knowledge of responsible actions in regard to physical and psychological conditions affecting driver performance.
8	Evaluate personal transportation needs as they relate to traveling, purchasing, operating, maintaining, and insuring a motor vehicle.

Goal 1

Demonstrate a working knowledge of rules and regulations; federal, state, and local laws; procedures of operating a motor vehicle; and other responsibilities associated with the driving privilege.

1.1	Demonstrate, through successful completion of written assignments and assessments, knowledge of traffic signs, signals, and markings (e.g., regulatory, warning, guide)
1.2	Demonstrate an understanding of basic vehicle operating procedures (e.g., pre-driving, starting, vehicle information)
1.3	Demonstrate knowledge and application of legal stops and restricted speeds (e.g., school bus, railroad crossing)
1.4	Understand pedestrian rights and responsibilities (e.g., crosswalks, visually impaired)
1.5	Demonstrate the knowledge of speed regulations (e.g., inclement weather, school zones, construction)
1.6	Know the laws relating to alcohol use and other drugs and understand the effects and consequences of driving under the influence (e.g., underage drivers, adults) [Refer to: Ark. Code Ann. § 5-65-301 et seq. & 27-16-914]
1.7	Explain the Graduated Driver's License (GDL) law [Refer to: Ark. Code Ann. § 27-16-701 et seq.]
1.8	Understand the organ and tissue donation designation process [Refer to: Ark. Code Ann. § 6-16-50] (Instructional materials from the Arkansas Regional Organ Recovery Agency may be utilized)
1.9	Understand the actions to be taken after a vehicle accident, including the removal of a vehicle from the roadway following an accident [Refer to: Ark. Code Ann. § 6-16-507]

1.10	Know the laws relating to accessible parking for persons with disabilities [Refer to: Ark. Code Ann. § 6-16-508] (Instructional materials from the Arkansas Governor's Commission on People with Disabilities may be utilized)
1.11	Understand and value the proper use of occupant protection devices as a crash injury protection tool for reduced-risk driver performance (e.g., "Seat Belt Law") [Refer to: Ark. Code Ann. § 6-16-508]

Goal 2

Use visual search skills to obtain correct information and make reduced-risk decisions for effective speed and position adjustments.

2.1	Utilize visual search skills to identify visual line of sight limitations to the front, rear, and sides of the vehicle (e.g., mirrors, blind spots)
2.2	Identify the length and width of vehicles as they relate to passing, merging, parking, lane changes, etc.
2.3	Apply problem-solving skills needed to minimize risks when sharing the roadway with other users (e.g., pedestrians, animals, bicycles, farm equipment, funerals)
2.4	Differentiate skills needed for driving in various settings (e.g., rural, urban, suburban, interstate, expressway, residential)

Goal 3

Interact with other users within the Highway Transportation System by adjusting speed, space, and communications to avoid conflicts and reduce risks.

3.1	Use visual skills and mental perception to reduce risks while operating a motor vehicle (e.g., two and four second rule, depth perception)
3.2	Apply the principles of a space management system to reduced-risk vehicle operation while making appropriate communication, speed, and lane position adjustments (e.g., passing time, following distance)
3.3	Apply appropriate procedures and practice basic vehicle maneuvers for reduced-risk operation (e.g., turnabouts, lane changes, parking, backing up)

Goal 4

Demonstrate balanced vehicle movement through steering, braking, and accelerating in a precise and timely manner in a variety of adverse conditions.

4.1	Demonstrate the basic techniques related to steering control needed to operate a motor vehicle (e.g., hand to hand, hand over hand, one hand (backing up), limited evasive)
4.2	Compare vehicle braking systems and explain proper braking techniques for various weather and roadway conditions (e.g., hydroplaning, hills) <ul style="list-style-type: none">• Conventional braking systems of small and large vehicles• Two and four wheel anti-lock braking systems (ABS)• Controlled braking
4.3	Describe the effects of acceleration and deceleration as they relate to the speed of the motor vehicle operation
4.4	Recognize the effects of momentum, gravity, and inertia on vehicle control and balance and the relationship between kinetic energy and force of impact <ul style="list-style-type: none">• Seating and hand position• Steering, braking, and acceleration• Compensation for shifts in vehicle load• Types of collisions• Front tire traction loss (under steer)• Rear tire traction loss (over steer)

Goal 5

Recognize vehicle technology systems and explain the benefit of braking, traction, intelligent handling, and stability systems.

5.1	Identify various technology systems on different types of motor vehicles [Refer to: Vehicle Owner's Manual]
5.2	Recognize the warning signs that indicate the need for maintenance, repair, or replacement that would reduce the possibility of vehicle failures <ul style="list-style-type: none">• Vehicles warning devices• Lights and signals• Steering and suspension systems• Tires and braking systems• Cooling systems and belts• Fuel and ignition electronics

Goal 6

Confirm the need to protect oneself and others by using active and passive vehicle occupant protection systems.

6.1	Assess vehicle operation and malfunctions to eliminate or prevent related problems by securing scheduled and unscheduled maintenance or repairs
6.2	Demonstrate the proper use of occupant protection devices such as seat belts, air bags, child safety seats, and identify how they reduce injury severity and increase collision survival

Goal 7

Display knowledge of responsible actions in regard to physical and psychological conditions affecting driver performance.

7.1	Understand how visual skills and mental perception lead to reduced-risk driving decisions
7.2	Utilize skills to operate the vehicle and perform basic maneuvers in a variety of environments (e.g., basic control, space management, selected sections of the rules of the road, lane changing, turnabouts, parking, “Move Over Law”) [Refer to: Ark. Code Ann. § 27-51-310]
7.3	Recognize the importance of driver fitness and mental preparedness to reduced-risk driver performance
7.4	Recognize the dangers of alcohol and other drugs on driver performance
7.5	Describe physiological, psychological, and cognitive effects of alcohol and other drugs and their impact on a driver’s awareness of risks and involvement in collisions <ul style="list-style-type: none">• Prescribed and over-the-counter medications• Illegal or illicit drugs• Effects of alcohol and other drugs on vision and space management• Synergistic effects of drugs• Alcohol elimination factors
7.6	Recognize how distractions can affect driver performance and highway safety (e.g., using cell phones and other portable technology, adjusting radio, animals, other driver behavior) [Refer to: Ark. Code Ann. § 27-16-804 et seq.]

Goal 8

Evaluate personal transportation needs as they relate to traveling, purchasing, operating, maintaining, and insuring a motor vehicle.

8.1	Calculate the financial and environmental responsibilities associated with owning and operating a motor vehicle (e.g., insurance requirements, registration, maintaining a vehicle, proper disposal of battery and tires, vehicle pollution, littering)
8.2	Demonstrate competency in map-reading and trip-planning skills
8.3	Analyze how preventive maintenance reduces the possibility of vehicle failure and reduces the risk of a collision (e.g., braking systems, lights and signals, steering and suspension systems)

Program Requirements:

- Possession of a valid learner's permit prior to receiving behind-the-wheel (BTW) instruction
- At least 30 hours of classroom instruction
- Six (6) hours of behind-the-wheel (BTW) instruction
- Six (6) hours of in-the-car observation