

Curriculum for:
Driver Education

Course(s): Driver Education

Grades: 10th

Department: Wellness/Fitness

Length of Period (average minutes): 41 minutes

Periods per cycle: 3

Length of Course (yrs.): 0.50

Type of offering: ______ required ______ elective

Credit(s) awarded: 0.25

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Enduring Understanding	Essential Questions	Content	Standard	Skills
14.1 Understanding laws and regulations provides an optimal driving environment.	How do traffic laws maintain a safe driving environment? What are the different types of traffic signs? What are the different ROW concepts?	Pennsylvania laws and regulations <ul style="list-style-type: none"> • Traffic controls • Roadway Markings • Right- of Way • Basic Speed Law • Pedestrian laws • Move-over law 	A. Identify and explain traffic laws related to safe driving. <ul style="list-style-type: none"> • Traffic controls (e.g., signs, signals, road markings) #13 • Right-of-Way • Speed regulations • Pedestrian rights and responsibilities 	<ul style="list-style-type: none"> • Classify sign types • Identify specific sign meanings • Distinguish road markings and traffic signals • Associate laws and driving behaviors
	What are my responsibilities as a driver and passenger? Why do you need vehicle registration, insurance, and inspection?	Responsibilities of a driver and a passenger <ul style="list-style-type: none"> • Vehicle duties and care • Inner vehicle responsibilities 	B. Identify and explain laws that relate to responsible use of a vehicle. <ul style="list-style-type: none"> • Vehicle registration • Insurance regulations • Vehicle/emissions inspection • Seat belts • Child safety seats • Passengers in pickup trucks 	<ul style="list-style-type: none"> • Correlate vehicle tasks/laws to safe driving practices • Relate seat belt responsibilities to consequences
	How do I acquire a learner’s permit? What are the 3 stages to GDL? What are the benefits and purpose of having a GDL?	Licensing procedures <ul style="list-style-type: none"> • Current Pennsylvania policies 	C. Describe the Pennsylvania licensing procedures. <ul style="list-style-type: none"> • Learner’s permit • Graduated driver’s licensing 	<ul style="list-style-type: none"> • Perform licensing requirements
14.2 Using proper driving procedures before, during, and after travel are essential habits of responsible drivers.	Why should you perform a pre-entry check?	Visual inspection <ul style="list-style-type: none"> • Vehicle • Surroundings 	A. Identify and describe the pre-trip inspection outside the vehicle. <ul style="list-style-type: none"> • Visual inspection of vehicle (e.g., wheels, body, lights) • Visual inspection of surroundings (e.g., front, sides, back) 	<ul style="list-style-type: none"> • Conduct pre-entry procedures
	What are the pre-trip preparations you should perform inside the vehicle?	Vehicle controls and functions <ul style="list-style-type: none"> • common driver controls • warning lights 	B. Identify and describe the pre-trip preparation inside the vehicle. <ul style="list-style-type: none"> • Car door locks • Key in ignition 	<ul style="list-style-type: none"> • Recall controls and devices • Label warning lights • Demonstrate proper hand position and steering

		<ul style="list-style-type: none"> proper driving position 	<ul style="list-style-type: none"> Seating position Mirror settings (enhanced/traditional) Communications controls (e.g., turn signals, high/low beams, flashers) Safety devices (e.g., wipers, seat belt adjustments, head restraint) Comfort/climate controls (e.g., heater, air conditioning, defroster) Hand position on steering wheel 	technique
	How has modern vehicle technology changed over the years?	<p>Technology advances in the driving task</p> <ul style="list-style-type: none"> Vehicle advances 	<p>C. Identify and assess purpose of modern vehicle technology.</p> <ul style="list-style-type: none"> Owner's manual specifications Alert and warning symbols Supplemental occupant restraint systems Antilock Braking System (ABS) Global Positioning System (GPS) Electronic Stabilization Control (ESC) 	<ul style="list-style-type: none"> Analyze technology advances with changes to the driving task Recognize advantages and disadvantages with changes in vehicle technologies
	How do you employ basic driving skills to properly maneuver within driving lanes?	Basic Driving Skills	<p>D. Describe and explain the proper application of basic driving skills.</p> <ul style="list-style-type: none"> Staying in driving line #3 Starting from a stop #4 Accelerating Managing intersections Recognizing when to brake #7 Making a left turn into traffic #5 Making right turns Driving in reverse Making lane changes (e.g., multiple-lane roadways, merge/exit situations, passing vehicles) Selecting a sufficient gap to enter traffic #14 	<ul style="list-style-type: none"> Select proper lane during turning maneuvers Recognize changing lane positions to manage space Identify target locations
	Why should you perform post-trip procedures?	<p>Post- Trip Tasks</p> <ul style="list-style-type: none"> securing the vehicle 	<p>E. Identify post-trip procedures.</p> <ul style="list-style-type: none"> Securing the vehicle (e.g., place in 	<ul style="list-style-type: none"> Model securing tasks Explain importance of post-

		<ul style="list-style-type: none"> Exiting safely 	<ul style="list-style-type: none"> park, set parking brake, remove keys) Exiting the vehicle (e.g., open door safely, face traffic when exiting, lock doors) 	trip tasks
14.3 Visual and mental skills directly affect collision potential.	How can your perception be affected by selective mental processes?	Perceptual Skill Development <ul style="list-style-type: none"> type of vision scanning Smith system 	A. Describe perception as a mental process that is selective and can be improved. <ul style="list-style-type: none"> Visual functions: focal, useful field of vision, peripheral, depth Projected path of travel Scanning environment and staying in driving lane #6 	<ul style="list-style-type: none"> Practice orderly visual search pattern Discuss types of vision and how and when they're utilized
	How do visual search categories help to identify risk situations?	Vision and risky situations <ul style="list-style-type: none"> sight/path restrictions Environmental factors 	B. Describe visual search categories for identifying risk situations. <ul style="list-style-type: none"> Restrictions to path of travel Restrictions to sightline Traffic controls Highway characteristics/conditions Other highway users 	<ul style="list-style-type: none"> Identify open and closed zones (Zone Control System) Portray appropriate following distance for changing circumstances
	What are some avoidance strategies used in varying traffic situations?	Minimizing Risk <ul style="list-style-type: none"> Speed adjustments Lane position selection Types of braking 	C. Identify traffic situations and develop avoidance strategies. <ul style="list-style-type: none"> Judging speed going around a curve #1 Searching for sufficient gap before pulling out from a driveway or stop sign #8 Reducing crash potential by adjusting speed, lane position and appropriate communication (e.g., turn signals) Recognizing a stopped vehicle #2 Changing speed and/or direction to avoid conflicts with sight line and path of travel restrictions Judging speed and distances of on-coming traffic #9 Making correct decisions at intersections by managing time and 	<ul style="list-style-type: none"> Record braking options for different environments Show appropriate lane position for changing environments Recognize when speed adjustments are necessary

			<ul style="list-style-type: none"> space Applying basic driving skills to city, rural and expressway driving in various weather and roadway conditions 	
	What is scanning and why is it effective?	<p>Scanning</p> <ul style="list-style-type: none"> orderly visual search pattern target 	<p>D. Analyze the need for divided visual and mental attention from path of travel to driving tasks, and then back to path of travel for brief periods of time.</p> <ul style="list-style-type: none"> Searching from path of travel to signs, symbols and markings Searching from path of travel for intersection problems Searching from path of travel to new entry lane when turning left or right Searching from path of travel to instrument panel for speed and vehicle information Searching from path of travel to vehicle accessories for appropriate operation 	<ul style="list-style-type: none"> Practice using an orderly visual search pattern
14.4. Emotional intelligence and defensive decisions reduce risk in the driving task.	What is the IPDE process? How is it helpful when driving?	<p>IPDE</p> <ul style="list-style-type: none"> Identify Predict Decide Execute 	<p>A. Identify and know a model of decision-making.</p> <ul style="list-style-type: none"> Stop-Think-Go SIPDE (Search, Identify, Predict, Decide and Execute) IPDE (Identify, Predict, Decide and Execute) SEE (Search, Evaluate, Execute) 	<ul style="list-style-type: none"> Practice using decision making model
	How can I share the roadway with others?	<p>Concerns when sharing the roadway</p> <ul style="list-style-type: none"> Other roadway users Animals 	<p>B. Identify and describe concerns when sharing the roadway.</p> <ul style="list-style-type: none"> Motorized vehicles Non-motorized vehicles Commercial/large vehicles Pedestrians Animals 	<ul style="list-style-type: none"> Interpret dangers around specialized motorists Recognize when evasive actions are required
	How do emotions affect decision	Emotional effects on drivers	C. Identify how emotions affect driver	<ul style="list-style-type: none"> Characterize emotions and

	making skills when behind the wheel?	<p>decisions</p> <ul style="list-style-type: none"> ● Road rage ● Unbalanced feelings 	<p>decisions.</p> <ul style="list-style-type: none"> • Depression/Sadness • Elation • Anger • Road Rage • Fear 	<p>their outcomes</p>
	What are the characteristics of an aggressive driver? What are the characteristics of drivers experiencing road rage?	<p>Aggressive driving</p> <ul style="list-style-type: none"> ● characteristics ● behaviors <p>Road Rage</p> <ul style="list-style-type: none"> ● characteristics ● behaviors 	<p>D. Describe the characteristics of the aggressive driver.</p> <ul style="list-style-type: none"> • High Speed • Erratic vehicle movements • Gestures • Vocal outbursts 	<ul style="list-style-type: none"> ● Differentiate unintentional versus intentional actions
	What are the appropriate responses when dealing with an aggressive driver?	<p>Aggressive driving</p> <ul style="list-style-type: none"> ● appropriate responses ● avoidance strategies 	<p>E. Identify appropriate responses to the aggressive driver.</p> <ul style="list-style-type: none"> • Eye contact avoidance • Emotional detachment • Speed adjustment • Lane adjustment 	<ul style="list-style-type: none"> ● Plan an appropriate response for encountering an aggressive driver ● List actions that can be taken to minimize risk
	What are different distractions and how do they affect the driver?	<p>Distracted driving</p> <ul style="list-style-type: none"> ● Cognitive ● Physical ● Manual 	<p>F. Identify driver distractions and the appropriate responses to them.</p> <ul style="list-style-type: none"> • Within vehicle (e.g., passengers and pets, food and drinks, cell phones and other electronics) • Outside vehicle (e.g., construction zones, people, accident and emergency vehicles) 	<ul style="list-style-type: none"> ● Categorize multiple distractions by type ● Examine the effects of distracted driving
	What are the consequences of high risk driving actions?	<p>Consequences of risky actions and driver error</p> <ul style="list-style-type: none"> ● Fines ● Point system ● Damages ● Death/injuries ● Insurance/ liability 	<p>G. Analyze the consequences of high-risk driver actions and human error.</p> <ul style="list-style-type: none"> • Vehicular crashes • Injury or death • Civil liability • Property damage • Financial loss • Pennsylvania Point System • Fines 	<ul style="list-style-type: none"> ● Review current Pennsylvania laws and regulations ● Explore insurance options

			<ul style="list-style-type: none"> • Loss of license 	
14.5. Adverse weather conditions, vehicle malfunctions, and sudden emergencies can interrupt the normal driving environment.	What are proper driver responses when driving in adverse weather conditions?	Adverse weather conditions	<p>A. Describe hazardous conditions and their effects on vision, motion and steering control tasks while driving.</p> <ul style="list-style-type: none"> • Snow #12 • Rain #11 • Fog • Sleet/ice • Hydroplaning • Traction loss 	<ul style="list-style-type: none"> • Analyze how weather impacts common driving maneuvers
	What are the disadvantages of driving in the dark?	<p>Night time driving</p> <ul style="list-style-type: none"> • Effects 	<p>B. Identify challenges of night driving and appropriate responses to them. #10</p> <ul style="list-style-type: none"> • Reduced visibility • Eye fatigue • Overdriving headlights 	<ul style="list-style-type: none"> • Evaluate the effects of night time driving
	How should I respond when the vehicle malfunctions? What are the indications that the vehicle is malfunctioning?	<p>Vehicle malfunctions</p> <ul style="list-style-type: none"> • Evasive actions • Warning signs 	<p>C. Identify the dangers of vehicle malfunctions.</p> <ul style="list-style-type: none"> • Warning indicators (e.g., dashboard, smoke, sounds) • Failures (e.g., tires, brakes, steering) • Stuck accelerator • Engine stalls • Loss of headlights or forward vision due to vehicle malfunction 	<ul style="list-style-type: none"> • Analyze vehicle malfunctions and the appropriate responses • Synthesize warnings to predict correct malfunction
	What is a proper response to sudden dangers and emergencies?	<p>Emergency situations</p> <ul style="list-style-type: none"> • Reactions • Actions 	<p>D. Identify the dangers of sudden emergencies.</p> <ul style="list-style-type: none"> • High water <ul style="list-style-type: none"> • Vehicle crossing centerline • Vehicle not yielding at intersection • Vehicle running off roadway • Traction loss to front tires • Traction loss to rear tires 	<ul style="list-style-type: none"> • Cultivate skills to avoid the dangers of sudden emergencies
14.6. Alcohol, drugs, and driver fatigue negatively impact the	What are penalties of driving impaired?	<p>Driving while impaired</p> <ul style="list-style-type: none"> • Penalties 	<p>A. Know legal aspects of alcohol and other drug use.</p> <ul style="list-style-type: none"> • Just saying “No” to alcoholic beverages 	<ul style="list-style-type: none"> • Recall current zero-tolerance laws • Summarize the penalties of

physical, social, mental, emotional, and spiritual health of the driver and other roadway users.			<ul style="list-style-type: none"> and other drugs • Terms and meanings associated with drinking and driving • Penalties when intoxicated • Implied consent • Zero tolerance 	driving while impaired
	How are individuals influenced to use substances?	<p>Drugs and alcohol</p> <ul style="list-style-type: none"> • Influences 	<p>B. Evaluate the factors that influence individuals to use alcohol and other drugs.</p> <ul style="list-style-type: none"> • Advertising • Peer pressure • Social norms • Culture • Holidays 	<ul style="list-style-type: none"> • Discuss common occurrences of impaired driving
	Why is driving under the influence a problem?	<p>Driving under the influence (DUI)</p> <ul style="list-style-type: none"> • Significance of problem 	<p>C. Define and analyze the problem of driving under the influence (DUI).</p> <ul style="list-style-type: none"> • Significance of problem • Consequences • Solutions 	<ul style="list-style-type: none"> • Connect the cost of driving under the influence to possible avoidance methods • Gather solutions to minimize driving under the influence
	How does driving impaired influence your driving ability?	Physiological and psychological effects of alcohol	<p>D. Identify and analyze the physiological and psychological effects of alcohol on the driver.</p> <ul style="list-style-type: none"> • Process of alcohol entering and exiting from the body • How alcohol affects people differently • Changes to the central nervous system 	<ul style="list-style-type: none"> • Differentiate the effects of alcohol on an individual
	How does driving impaired influence your driving ability?	Physiological and psychological effects of drugs	<p>E. Identify and analyze the physiological and psychological effects of drugs.</p> <ul style="list-style-type: none"> • Types (i.e., over-the-counter, prescription, controlled substances) • How drugs affect people differently • Changes to the central nervous system 	<ul style="list-style-type: none"> • Differentiate the effects of drugs on an individual
	How does driving impaired influence your driving ability?	The impacts of drugs and alcohol on driving	F. Identify and analyze how alcohol and other drugs affect driving performance.	<ul style="list-style-type: none"> • Experience the effects of alcohol through use of

		performance	<ul style="list-style-type: none"> • Impaired judgment and reasoning • Visual impairment • Slower motor skills • Increased response time • Loss of reality 	“Drunk Goggles”
	What is drowsy driving and how does it affect the driving task?	Drowsy driving <ul style="list-style-type: none"> • Effects • Avoidance strategies 	G. Identify types of fatigue and how to combat their effects. <ul style="list-style-type: none"> • Mental and physical types (e.g., boredom, eye strain, drowsiness) • Symptoms (e.g., slowed response time, daydreaming, heavy eyes) • Methods to delay fatigue (e.g., exit and walk around the vehicle every two hours, pull over and take a nap, stop for a bathroom/snack break) 	<ul style="list-style-type: none"> • Recognize the signs of fatigue • Evaluate solutions for driving while fatigued