



DRIVER EDUCATION

Course Title: Driver Education

Credit:

Mt. Vernon High School Course Number: PHY 2001

Course Description:

To meet state requirements, freshmen and sophomores will be allowed to enroll in one semester of Driver Education. This instruction will include classroom and behind the wheel instruction, both of which will meet the state's minimum requirements.

Description of Student:

This course will be offered to freshmen, sophomores, juniors, and seniors.

General Objectives:

Rules of the Road.

1. Understand rules of the road.
2. Know all of the signs and signals used to regulate traffic.
3. Obtain an Illinois instruction permit.

General Objective:

Classroom

1. To be able to develop the ability to observe and recognize in an efficient manner, the HTS events and conditions for vehicle guidance.
2. To be able to determine a person's shared legal and moral responsibility when using the HTS.
3. To develop an understanding of general performance capabilities of a motor vehicle.
4. To be able to understand the performance characteristics and optional equipment available in terms of safety, economy, and convenience to understand the various vehicle subsystems to determine the need for corrective maintenance or repairs.
5. To be able to determine a set of strategies for preventing certain psycho-physiological factors or social forces from having an adverse effect on driving proficiency.
6. To develop a knowledge of the concepts and generalizations which will enable the student to make wise decisions in regard to the use of alcoholic beverages or other drugs anytime the student will be using the HTS.
7. To develop an understanding of the legal and moral responsibilities of persons involved in or driving into a traffic accident situation.
8. To be able to determine an appropriate plan of action, including strategies and tactics required to carry out the plan for various traffic situations that are to be encountered under varying conditions and contingencies.

General Objective:

Behind-the-Wheel

1. To develop the students ability to identify and operate skillfully the vehicle control system, safety devices, and accessories in accordance with given safe and efficient procedures. The student will also develop the ability to demonstrate the proper procedures and skills for routine maneuvers,

Course Outline:

Unit of Instruction	State Standards	Duration of Unit	Unit Objectives	Educational Resources
State Rules of The Road		5 Days		1. Textbook 2. Videos
Chapter 1 You Are The Driver		5 Days	1. Describe the three parts of the HTS. 2. Tell how the HTS is regulated. 3. Explain how social, physical, and mental skills work together in your driving task. 4. Name the four steps of the I.P.D. E. Process. 5. Explain how your attitude will affect your driving. 7. Causes of HTD breakdowns. 8. To describe several major causes of collisions. 9. Show drivers ways to help protect our environment. 10. Graduated driver licensing program.	1. Textbook 2. Worksheets 3. Videos 4. Powerpoint
Chapter 3 Basic Car Controls		5 Days	1. Identify each gauge and warning light on an instrument panel and explain its function. 2. Explain the purpose of each control used to operate a vehicle. 3. Describe the use of the safety, communication, and comfort devices. 4. List in order the checks you make when preparing to drive. 5. Describe hoe to enter a vehicle from a side street. 6. Describe the correct positioning of the seat and outside mirrors. 7. Explain the use of each gear. 8. Describe the procedure for starting an automatic transmission vehicle. 9. List the steps for putting an automatic transmission vehicle in motion. 10. Tell the correct procedure to follow when leaving an automatic transmission vehicle from a side street. 11. Procedures for starting a stickshift vehicle. 12. Tell the correct procedure for moving a stickshift vehicle in first gear. 13. Explain the procedure for stopping from higher gears. 14. Define downshifting and explain its purpose.	1. Textbook 2. Worksheets 3. Videos 4. Powerpoint
Chapter 6 Performing Basic Car Manuevers		5 Days	1. Explain how to steer straight forward and backward. 2. Describe the correct use of the hand signals and explain when they might be used. 3. List the proper steps for changing lanes. 4. Describe hand-over-hand steering. 5. List the steps for making left and right turns. 6. Describe how to back left and right. 7. Describe five turnabouts and tell which is the safest to use. 8. Discuss reference points and how to use them as guides when parking your vehicle. 9. Describe the procedures for angle, perpendicular, and parallel parking. 10. Describe how to park uphill and downhill with and without a curb. 11. Explain how to start from an uphill parking space without rolling backwards.	1. Textbook 2. Worksheets 3. Videos 4. Powerpoint

Chapter 15 Alcohol Other Drugs, and Driving		5 Days	1. Explain how alcohol affects mental and physical abilities needed for driving. 2. Define blood-alcohol concentration. 3. Explain factors that affect blood-alcohol concentration. 4. List five myths and truths about the use of alcohol. 5. Explain the difference between the purchase of over-the-counter medicine and the purchase of prescription medicine. 6. explain how depressants, stimulants, and hallucinogenic drugs can affect a driver. 7. Describe the effects of combining alcohol with other drugs. 8. Explain implied-consent-law. 9. Describe zero-tolerance levels of intoxication, and tell how these levels can be measured. 10. Explain what a driver should do when stopped by a police officer. 11. Tell how peer pressure might affect one's decision about drinking and driving. 12. List five steps involved in making a responsible decision. 13. Explain what is meant by peer education. 14. Explain why everyone should share the responsibility of preventing friends from drinking and driving.	1. Textbook 2. Worksheets 3. Videos 4. Powerpoint 5. Guest Speaker
Chapter 16 Buying and Owning a Car		6 Days	1. List the responsibilities of owning or leasing a vehicle. 2. List the various costs associated with owning and operating a vehicle. 3. Explain how to select a used vehicle. 4. Describe the options and steps in buying a vehicle. 5. Explain what financial responsibility laws require. 6. Explain how auto insurance works. 7. Explain what different kinds of auto insurance cover. 8. List factors that affect the cost of insurance. 9. Describe how vehicle use adversely affects the environment. 10. Identify ways individuals can reduce the effects of vehicles on the environment.	1. Textbook 2. Worksheets 3. Videos 4. Powerpoint 5. Guest Speaker
Chapter 17 Maintaining Your Vehicle		5 Days	1. Identify warning signs for needed repairs for the power and drive systems, ignition and electrical systems, lubrication and cooling systems, and fuel and exhaust systems. 2. Describe the steps to follow to start a vehicle that has a dead battery. 3. Identify the warning signs that might indicate the need for repair of the steering, brake, or suspension systems. 4. Identify ways to maintain tires for longer wear. 5. List preventive maintenance checks to make before and after starting the vehicle, while driving, and when fueling or servicing the vehicle. 6. Explain how to find a qualified mechanic or technician. 7. Identify ways you can improve a vehicle's fuel efficiency. 8. Explain how to calculate miles per gallon of fuel consumption. 9. Identify strategies for recycling automotive-related materials.	1. Textbook 2. Worksheets 3. Videos 4. Powerpoint 5. Guest Speaker

Chapter 11 Driving on Expressways		5 Days	1. List five reasons why expressways have lower collisions rates than other highways. 2. Describe four different types of expressway interchanges. 3. List strategies for low-risk driving on expressways. 4. Explain how to enter an expressway properly. 5. Describe four possible entrance problems. 6. Explain why entering an expressway from the left is more hazardous than entering from the right. 7. Explain how to use the IPDE Process to achieve a safe path of travel. 8. Describe when following distances should be increased for expressway driving. 9. Tell what actions to take when you are being tailgated. 10. Describe three actions that should be automatic when you are changing lanes on an expressway. 11. Explain how to apply the IPDE Process to exit an expressway. 12. List the steps for exiting an expressway. 13. Describe three possible exiting problems. 14. Describe the cause of highway hypnosis and tell what actions to take to stay alert. 15. Explain what to do if you vehicle becomes disabled. 16. List three key factors that contribute to safe driving on expressways.	1. Textbook 2. Worksheets 3. Videos 4. Powerpoint
Chapter 7 Negotiating Intersections		5 Days	1. Explain how to search an intersection after it has been identified. 2. Tell when you are at the point-of-no return. 3. Describe what you should do when you have a closed front zone at an intersection. 4. Explain how to approach a controlled intersection. 5. Tell how to move from a STOP sign when your vehicle is blocked. 6. Describe how to make right turns at controlled intersections. 7. Tell how to identify an uncontrolled intersection. 8. Explain the procedures to follow at an uncontrolled intersection. 9. Describe the proper procedures for crossing uncontrolled railroad tracks. 10. Define the right of way. 11. Describe situations in which you, the driver, must yield the right of way. 12. Identify how long it takes to cross and join traffic.	1. Textbook 2. Worksheets 3. Videos 4. Powerpoint 5. Guest Speaker
Chapter 9 Driving in Urban Traffic		5 Days	1. Name two factors that can make driving difficult in city traffic. 2. Describe how to use the IPDE Process for city driving. 3. Describe how to use the 3-second following-distance rule. 4. Describe how you can safely manage a tailgater. 5. List the steps to take to avoid conflict with oncoming traffic. 6. Describe how far ahead you should look in city traffic. 7. Tell how to cover the brake. 8. Explain how to select the proper lane for driving. 9. Describe the procedure for turning left or right from a one-way street. 10. Explain how to warn a driver who is driving the wrong way on a one-way street.	1. Textbook 2. Worksheets 3. Videos 4. Powerpoint 5. Guest Speaker
Chapter 10		5 Days	1. Describe rural roadways.	1. Textbook

Driving in Rural Areas			2. Describe factors to consider when selecting a safe speed. 3. Identify traffic controls and how they help inform, warn, and regulate drivers on rural roads. 4. Explain how the IPDE Process should be used in rural driving. 5. Know the steps to safely handle a curve. 6. List rural situations that require increased following distances. 7. Explain how to enter a multilane highway. 8. List the checks to make before passing another vehicle. 9. List the steps for passing on a two-lane road. 10. List situations where passingshould never be attempted. 11. Explain how to pass a slow-moving vehicle. 12. Explain the steps to take to deal with animals on or along the roadway. 13. Explain how you can allow hazards to separate when meeting traffic. 14. Describe special safety precautions for mountain and desert driving.	2. Worksheets 3. Videos 4. Powerpoint 5. Guest Speaker
Chapter 12 Driving in Adverse Conditions		5 Days	1. Tell how to use the IPDE Process to manage risks in bad weather. 2. Explain what you can do to help others see you at dawn and dusk. 3. Describe the special techniques you can use for night driving. 4. Explain the procedure to use at night when an oncoming driver fails to use low-beam headlights. 5. Describe what happens to traction during rain and snow. 6. List the steps you can take to avoid hydroplaning. 7. Describe how to correct a rear-wheel skid. 8. Tell how to use the controlled-braking system. 9. Explain how to control you vehicle in windy conditions. 10. List precautions for driving in extremely hot or cold weather. 11. Describe what to do to maintain vehicle control during winter driving.	1. Textbook 2. Worksheets 3. Videos 4. Powerpoint 5. Guest Speaker
Chapter 13 Handling Emergencies		5 Days	1. List actions to take if a tire blows out. 2. List the proper steps to follow if the brakes fail. 3. Explain what to do in case of steering failure. 4. Explain what to do if your accelerator sticks. 5. Describe how to return to the roadway if your vehicle runs off the roadway. 6. Explain when to use an emergency swerve. 7. Describe how to minimize vehicle damage caused by potholes. 8. Explain what to do if you enter a curve too fast. 9. Tell how to escape from a vehiclethat is sinking in water. 10. Explain how to avoid or minimize head-on, side-impact, and rear-end collisions. 11. List the immediate steps to take if a collisions occurs. 12. Describe other follow-up steps needed after a collision.	1. Textbook 2. Worksheets 3. Videos 4. Powerpoint 5. Guest Speaker

Evaluation:

Evaluation methods will include:

Behind-the-wheel driving

Written test

Homework assignments

Materials to be Used in the Classroom**Textbook:**

Drive Right

11th Edition

Margaret L. Johnson, Owen Crabb, Arthur A. Opfer, and Randall R. Thiel

Prentice Hall

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Software:

None

Additional References:

None

Lab Fees:

\$50.00 Driver Education fee. Payable to: Mt. Vernon Township High School

\$20.00 Permit fee. Payable to: Secretary of State

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Date Approved: