  
**CLASS 1**  
**The System & You**

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**COURSE OVERVIEW....** 

► **OBJECTIVES OF THIS COURSE**

- 1) Develop an awareness of and ability to describe the magnitude and problems of the traffic system problem
- 2) Realize that most collisions result from preventable driver errors
- 3) Give information necessary to the operation of a motor vehicle
- 4) Develop the student's personal responsibility for the safe operation of a motor vehicle
- 5) Influence the student's behavior and attitudes in motor vehicle operation through delivery of information
- 6) Develop awareness that safe driving involves risk and risk management within the limits of visibility, time, space and traction
- 7) Awareness that changes and adjustments to a student's driving behavior are necessary to compensate for factors that lead to unacceptable driver actions

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**LEARNING ACTIVITIES...**

1. Students will read and discuss the content and concepts in the text support materials and information presented in other ways
2. Students will view and discuss selected audio-visual support materials
3. Students will complete assignments associated with the course
4. Students will complete tests associated with the course



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# PAPERWORK....

THERE ARE THREE PIECES OF PAPERWORK THAT YOU ARE RESPONSIBLE FOR COMPLETING...

1. Your attendance sheet
2. Your signature on the daily classroom roster
3. Your drive times.

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PLEASE FILL OUT THE BACK OF YOUR ATTENDANCE SHEET COMPLETELY ..... IT CAN ONLY HELP YOU COME TEST TIME!

<p><b>PERSONAL INFORMATION</b></p> <p>1. Student Name: <b>BOB GADSDY</b></p> <p>2. Address: <b>GADSDY'S SHOP</b></p> <p>3. City: _____</p> <p>4. State: _____</p> <p>5. Zip: _____</p> <p>6. Phone: _____</p> <p>7. Email: _____</p>		<p><b>CLASS INFORMATION</b></p> <p>8. Class Name: _____</p> <p>9. Class Number: _____</p> <p>10. Class Location: _____</p> <p>11. Class Start Date: _____</p> <p>12. Class End Date: _____</p>
<p><b>ATTENDANCE SHEET</b></p> <p>DATE: _____</p> <p>GRADER BY: _____</p>	<p><b>DRIVE TIMES</b></p> <p>13. Drive Time 1: _____</p> <p>14. Drive Time 2: _____</p> <p>15. Drive Time 3: _____</p> <p>16. Drive Time 4: _____</p> <p>17. Drive Time 5: _____</p> <p>18. Drive Time 6: _____</p> <p>19. Drive Time 7: _____</p> <p>20. Drive Time 8: _____</p> <p>21. Drive Time 9: _____</p> <p>22. Drive Time 10: _____</p> <p>23. Drive Time 11: _____</p> <p>24. Drive Time 12: _____</p>	<p><b>TEST INFORMATION</b></p> <p>25. Test Date: _____</p> <p>26. Test Location: _____</p> <p>27. Test Time: _____</p> <p>28. Test Status: _____</p>

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# BEFORE YOU MAKE YOUR APPOINTMENT TO GET THIS....

■ MAKE SURE YOU HAVE DONE THIS.....

1. Completed Classes
2. Completed Drive Times
3. Paid in Full
4. Received your Certificate



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## THE SYSTEM AND YOU

OBJECTIVES



- Understand and explain the components of the **Ohio highway transportation system**, the magnitude of the system, and the consequences of system failures.
- Explain and practice **defensive driving** strategies that reduce risk in the system.
- Understand and describe the **advantages** of completing a driver education course.
- Describe the Ohio Graduated Driver Licensing process and understand that driving is a **privilege** to be protected.

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## THE HIGHWAY TRANSPORTATION SYSTEM




COMPONENTS OF THE SYSTEM:

**PEOPLE**  
Pedestrians, Passengers

**VEHICLES**  
Semi's, SMV's, Buggies, Bicyclists

**ROADWAYS**  
Gravel, Dirt, Rural, Paved, Concrete, One Lane to Multi-Lane Super Highways

The purpose of the Highway Transportation System is to move people and goods safely and efficiently from one place to another.

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According to the AAA there are over 974,000 vehicles on the road at any given time being driven by someone on a cell phone!

Additionally, over 236 million people subscribe to wireless communication

About 88% or over 272 million licensed drivers 18 or older

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**45,000**

Approximate number of fatalities each year.....

Cell Phone use accounts for about 2,600 of these fatalities and 300,000 collisions annually.



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**123**

▶ Approximate number of fatalities every day...



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**5**

▶ Approximate number of fatalities every hour...



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# FIFTEEN

*APPROXIMATE NUMBER OF  
SATISFIES DURING CLASS  
TODAY*

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## REDUCING RISK IN THE SYSTEM....

- ▶ Apply Visual Skills
- ▶ Identify Situations
- ▶ Judge your time and space relationships
- ▶ Coordinate eye-hand-foot movement
- ▶ Obey traffic laws
- ▶ Properly time all responses

**Let's Take A Look At Risky Behavior...**

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## Types of Skills needed to safely use the system....

- ▶ Decision-making skills: mental judgement associated with driving
- ▶ Physical Skills - actual operation of the vehicle
- ▶ Social Skills - ability to interact safely with others

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### CONTRIBUTING FACTORS TO TRAFFIC COLLISIONS....

- ▶ Not one single factor
- ▶ Multiple Causation Theory
  - Series of events or occurrences which led to collision
- ▶ Three causes in general

Factor	Percentage
DRIVER ERROR	85%
MECHANICAL FAILURE	4%
ROADWAY CONDITIONS	11%

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### CONTRIBUTING FACTORS TO TRAFFIC COLLISIONS....

- ▶ Driver Error **85%**
  - *Trying to Multi Task*
    - Changing Radio Station
    - Choosing a CD
    - Applying Makeup
    - Combing Hair
    - Talking on the Cell Phone
    - Texting on the Cell Phone
    - Eating
  - *Passenger Distractions*
    - Talking Loudly
    - Jamming to the Music
    - Reaching for things inside the car
    - Sudden movements

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### CONTRIBUTING FACTORS TO TRAFFIC COLLISIONS....

- ▶ Mechanical Failure **4%**
  - Brake Failure
  - Steering Failure
  - Flat Tire
  - Engine Stalls
  - Loss of Power Steering
- ▶ Roadway Conditions **11%**
  - Wet Roads
  - Snow Covered
  - Icy
  - Black Ice
  - Curves
  - Hillcrests

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**CONTRIBUTING FACTORS TO TRAFFIC COLLISIONS....**

- ▶ A Combination of all of these factors contribute to a collision.

Driver Error  
Mechanical Failure  
Roadway Conditions



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 **MOVIE TIME** 

**“DEADLY DISTRACTIONS”**

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## WHY DOES IT HAPPEN?

- Reasons for young driver accident rate.....
  - Lack of Maturity
  - Lack of Driving Experience
  - Increased Risk-Taking
  - Lack of Night Driving Experience
  - Exposure to Alcohol & Drugs
  - Peer Pressure
  - Passenger Distractions





CHOICES THAT YOU ALONE MAKE!

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## BREAK TIME.....




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## GOVERNMENT AGENCIES OF THE HIGHWAY TRANSPORTATION SYSTEM



- Ohio State Highway Patrol
- Sheriff and Municipal Police Departments
- Court System
- Ohio Department of Transportation
- Ohio Department of Education
- Ohio Department Of Public Safety

- Ohio Bureau of Motor Vehicles
- Emergency Medical Services
- Governor's Highway Safety Office
- Ohio Department of Health
- Office of Criminal Justice Services

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### OHIO GRADUATED DRIVER LICENSING

- ◊ May enroll in a Driver's Education Course at 15 years, 5 months
- ◊ May get temporary permit at age 15 years, 6 months
- ◊ Must carry your temporary permit / ID card when driving
- ◊ Must be accompanied by parent, guardian or custodian (or Licensed Driving Instructor) sitting beside them
- ◊ May not exceed the total number of passengers that equals the total number of originally installed safety belts
- ◊ All occupants must wear safety belts

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### AT AGE 16... WITH TEMPORARY PERMIT

- ▶ Must carry permit / ID Card
- ▶ Must be accompanied by licensed driver at least 21 years of age who is sitting beside them
- ▶ Permit is good for one year

**UNDER AGE 17**

- ▶ All of the above
- ▶ May not drive between the hours of 12 – midnight and 6 a.m. unless accompanied by a parent / guardian who is not intoxicated and is sitting beside them

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### HOW DO I GET MY TEMPS?

- ▶ Visit the Driver's Examination Station in your area with acceptable documentation such as:
  - Birth Certificate
  - Social Security Card
  - High School Transcript
  - Others (check with your DX Station)
- ▶ Pass the Written Examination with a score of 75% or better
- ▶ Take paperwork to the BMV (Bureau of Motor Vehicles) in your area along with appropriate fees and identification

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### WHAT DO I NEED TO DO TO GET MY PROBATIONARY LICENSE?

***If you are under the age of 18...***

- ▶ Take an approved Driver Training Course
  - 32 hour course licensed by the State of Ohio
- ▶ Keep your Temporary Permit for at least 6 months and be at least 16 years of age
- ▶ Must verify the completion of at least 50 hours of driving (including 10 hours of night driving) while holding a temporary permit
  - These are in addition to the 8 hours received through Driver Training Course
- ▶ Schedule a Driving Test with the Driver's Examination Station





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### AGE 16 – 17 WITH PROBATIONARY LICENSE

- ▶ **Hour restrictions: 12 midnight – 6 a.m.**
  - Exemption for when traveling to or from work with a note.
  - Employers cannot be held liable for damages in a civil action
  - Exemption for official functions sponsored by school.
  - Exemption for emergency
- ▶ **No more than one non-family member**
  - Except when driver is with a parent or guardian
- ▶ **During the first 6 months of a Probationary License (starting on the day obtained), or if over 16 years 6 months but less than 17, if a driver receives a moving violation, there are increased penalties:**
  - Must be accompanied by parent / guardian



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### AGE 17 – 18 WITH PROBATIONARY LICENSE

- ▶ **Hour restrictions: 1 a.m. – 5 a.m.**
  - Exemption for when traveling to or from work with a note.
  - Employers cannot be held liable for damages in a civil action
  - Exemption for official functions sponsored by school.
  - Exemption for emergency

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 **THE VALUE OF DRIVER EDUCATION**

- › Foundation for Safe Driving Practices
- › Teaches a Combination of Tasks
- › Exposes Drivers to Different Environments
- › Exposes Drivers to Different Weather Conditions
- › Explains Basic Car Control, Maneuvers and Maintenance
- › Is a Continuous Process of Learning
- › Usually Will Receive Discounted Auto Insurance Rates

**KNOWLEDGE IS POWER!** 

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**ORGAN DONATION**

  
It's Easy to Be a Hero  
Be an organ donor

- ✓ Personal Choice
- ✓ Anyone can register to be an Organ and Tissue Donor
- ✓ There is no cost to the Family of the Donor

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 **MOVIE TIME** 

**"PASS IT ON"**

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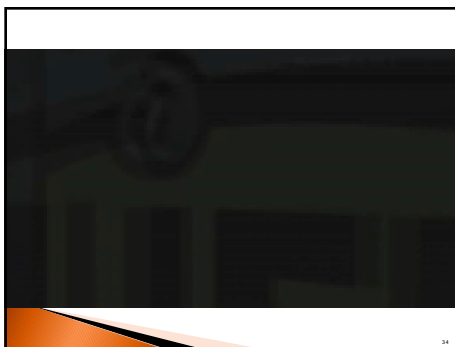
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**LET'S REVIEW..... TRUE OR FALSE**

A person who successfully completes a driver education course is guaranteed to pass an Ohio driver license examination. **FALSE**

Most pedestrians who do not drive are fully aware of traffic laws and signals. **FALSE**

The primary purpose of the HTS is to move people and cargo safely and efficiently. **TRUE**

If I choose to be an organ donor, my family will have to pay for the costs related to the recovery of organs and tissues. **FALSE**

With a graduated driver licensing system, a new driver increases his or her driving skills and privileges gradually. **TRUE**

As a driver, it is not important for you to see if everyone in the car is wearing his or her safety belt. **FALSE**

**FALSE** Drivers between the ages of 16 and 17, shall have no more than three non-family members in their vehicle at any time.

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 **MOVIE TIME** 

**Ford Driving Skills**  
FOR LIFE

**SEGMENT ONE: HAZARD RECOGNITION**  
**SEGMENT THREE: SPACE MANAGEMENT**  
**SEGMENT FOUR: SPEED MANAGEMENT**

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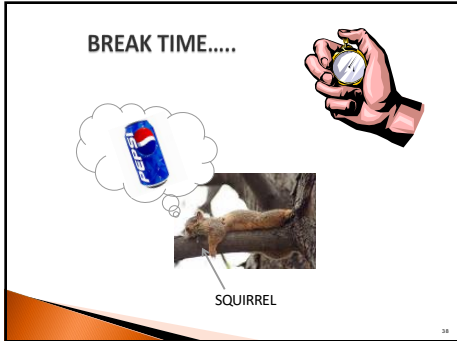
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**VISIBILITY...**

- ▶ SEEING
  - Clear & Clean Windshield and Windows
  - Headlights in low light conditions
  - Defrosters working properly
- ▶ BEING SEEN
  - Headlights on all the time
  - Using turn signals



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**SPACE...**

- ▶ The area we leave all around our car while driving so that we always have an out!



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**TIME.....**

- ▶ In Seconds, the time needed to keep safe spacing to avoid risks



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### MANAGING VISIBILITY, SPACE & TIME

S. = Search → S. = Search  
 E. = Evaluate → I = Identify  
 E. = Execute → P. = Predict  
                   → D. = Decide  
                   → E. = Execute

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### "S.E.E." Space Management System

- ▶ **S - Search**
  - Systematic Search Pattern
  - What to look for
  - How to look
  - Where to look
- ▶ **E - Evaluate**
  - Risk Potential of closed or changing areas
  - Risk Potential of alternative area of travel
- ▶ **E - Execute**
  - Speed change without losing control
  - Lane position change without losing control

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### RISK REDUCING DRIVING STRATEGIES WITHIN S.E.E.

- ▶ SIPDE Process
  - Search** systematically with your senses
  - Identify** important traffic clues
  - Predict** actions that indicate increased risk
  - Decide** your actions
  - Execute** your decision

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### RISK REDUCING DRIVING STRATEGIES WITHIN S.E.E.

- ▶ Smith System for Defensive Driving
  - Aim High
  - Keep Your Eyes Moving
  - Get the big picture
  - Make sure others see you
  - Leave yourself a way out




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### SPACE AREAS IN THE S.E.E. SYSTEM

- Front (Directly Ahead)
- Right Front
- Left Front
- Rear (Directly Behind)
- Right Rear
- Left Rear



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### EVALUATE FOR CHANGES IN SPACE AREAS

- ◊ Closed space means it is not available for the travel
- ◊ Changing space requires action on part of the driver
- ◊ Open space is available for travel
- ◊ Evaluate spaces, make decision on travel path

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### DETERMINING FOLLOWING DISTANCE

- ▶ Take note of a fixed object in the path ahead such as a sign or pole
- ▶ When the vehicle in front of you passes the object count, 1001 - 1002 - 1003
- ▶ Your vehicle should not pass the object before you reach 1003
- ▶ This allows for a 2 - 3 second following distance which is good for speeds less than 40 mph
- ▶ At higher rates of speed open the distance to 4 - 6 seconds
- ▶ Allow for road conditions also and open the gap further for bad weather allowing more time to brake and steer

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### STOPPING DISTANCES

IT'S SIMPLE MATH:

$TSD = PD + RD + BD$

TSD - Total Stopping Distance  
 PD - Perception Distance  
 RD - Reaction Distance  
 BD - Braking Distance

Speed	Perception Distance	Reaction Distance	Braking Distance	Overall Stopping Distance
20 mph	25 ft	26 ft	10 ft	61 ft
30 mph	25 ft	44 ft	18 ft	87 ft
40 mph	25 ft	80 ft	30 ft	135 ft
50 mph	25 ft	122 ft	45 ft	192 ft
60 mph	25 ft	169 ft	63 ft	257 ft
70 mph	25 ft	220 ft	85 ft	330 ft

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### MOVIE TIME

*The Jack Meyers Story*

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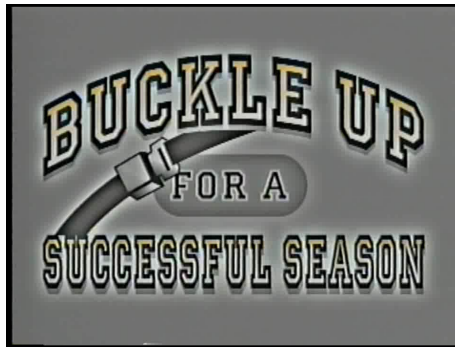
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