# **Ontario Safety League and Fleet Safety International**

# **Ontario Online Novice Driver Course Syllabus**

# A. Course Assessment and Policy

- There are progress assessments intermittently throughout the program. You need at least 80% on each of these to proceed to the next section. The grades on these guizzes do not count towards a final grade.
- After you have successfully completed all of the modules, you will be able to attempt the final exam.
- You need a grade of 80% or higher on this final exam to pass the course and receive a certificate.
- You have 3 attempts for the final exam. If you do not pass after 3 attempts you need to talk to your instructor or driving school.

### **B.** Privacy Policy

- This privacy notice discloses the privacy practices for the Online Novice Course. This privacy notice applies solely to information collected by this website.
- Information Collection, Use, and Sharing:
  - We are the sole owners of the information collected on this site. We only have access to/collect information that you
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  - o We will not sell or rent this information to anyone.
  - We will use your information to respond to you, regarding the reason you contacted us.
  - We will not share your information with any third party outside of our organization, other than as necessary to fulfill your request.
  - Unless you ask us not to, we may contact you via email that is listed on this website to tell you about new products or services, changes to this program or other such notifications or changes to this privacy policy.
- Your Access to and Control Over Information:
  - You may opt out of any future contacts from us at any time.
  - You can do the following at any time by contacting us via the email address or phone number given on our website or by "opting-out" when a communication is sent to you.

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- Wherever we collect sensitive information, it is transmitted to us in a secure way. You can verify this by looking for a lock icon in the address bar and looking for "https" at the beginning of the address of the Web page.
- While we use encryption to protect sensitive information transmitted online, we also protect your information offline. Only employees who need the information to perform a specific job (for example, billing or customer service) are granted access to personally identifiable information.
- The computers/servers in which we store personally identifiable information are kept in a secure environment.
- Registration is required in order to use this website, a user must first complete the registration form.
- During registration, a user is required to give certain information (such as name and email address). We request information from you when you create an account.
- To buy from us via PayPal, you must provide contact information (like name and shipping address) and financial information (like credit card number, expiration date).
- Please be aware that we are not responsible for the content or privacy practices of such other sites.
- We encourage our users to be aware when they leave our site and to read the privacy statements of any other site that collects personally identifiable information.

If you feel that we are not abiding by this privacy policy, you should contact us immediately via the contact information listed on our site.

# C. Ontario Online Novice Driver Course Syllabus with Objectives and Learning Outcomes

# **Module 1: Introduction and Instructions for Participants**

**Objective:** To provide learners with the information and resources needed to successfully complete this program.

### **Learner Outcomes:**

At the end of this module, learners:

- will become familiar with the equipment needed to successfully complete the program.
- will become familiar with an overall view of course content.
- will become aware of where to obtain additional resources.
- will become familiar with the history of the automobile and its impact on society.

### **Module 2: A Life Time of Safe Driving**

### **Objectives:**

- To reinforce the following overarching themes: safety and risk, benefits of social responsibility, benefits of environmental responsibility, self-awareness of personal values, attitudes, and motives.
- To develop knowledge, appreciation, and skills related to driver behaviour and how it contributes to safe and responsible driving.
- To develop knowledge, appreciation and skills related to respectful and responsible driving attitudes and how they contribute to safe and responsible driving.
- To develop knowledge, appreciation and skills related to effectively interacting with other road-users and how it contributes to safe and responsible driving.

#### Learner Outcomes:

- reasons to take a driver education course.
- the importance of practice time; as much as 120 hours before trying your test.
- the types of future programs that a learner can take to continually improve their driving knowledge and skill.
- the concepts of teens and risk that includes: inexperience; lack of skill by novice drivers; impulsiveness; exposure.
- risk strategies and the difference between healthy risks and unhealthy risks.
- the importance of attitude and keeping an open mind during the program.
- the various social trends towards safer driving including avoidance of: distracted driving; road rage; texting and driving.
- the influence of advertising on driving that can lead to distraction and that advertising can impact your attitude.
- the impact and influence of peer pressure.
- the impact and influence of other people's driving habits.

#### Modules 3 – 7: The Ontario Driver Handbook

# **Objectives:**

- To develop knowledge, appreciation and skills related to the rules of the road and how they contribute to safe and responsible driving.
- To develop knowledge, appreciation and skills related to the vehicle and its basic components and how they contribute to safe and responsible driving.
- To develop knowledge, appreciation and skills related to vehicle handling and how it contributes to safe and responsible driving.

#### **Learner Outcomes:**

- GDI licencing.
- driver licence classification.
- road test requirements.
- demerit system.
- vehicle walk around and inspections.
- under the hood inspections.
- vehicle blind spots.
- driver set up.
- instruments and controls.
- traffic control such as signs and lights.
- road markings.

- various types of intersections: controlled, uncontrolled, t-intersections and circle intersections.
- right of way rules.
- driving downtown and types of turns downtown.
- u-turns.
- appropriate lane positioning.
- dealing with school busses.
- dealing with emergency vehicles.
- safe backing techniques.
- safe parking: curb, angle, up hill, down hill and parallel parking.

# **Module 8: Driving Philosophy**

**Objective:** To develop knowledge, appreciation and skills related to the rules of the road and how they contribute to safe and responsible driving.

### **Learner Outcomes:**

- why a defensive driving program is worth taking.
- Ontario and world collision statistics.
- the importance of seatbelts.
- the core philosophy of this program.
- the driver competency model.

### Modules 9 & 10: SAFER Defensive Driving

## **Objectives:**

- To develop knowledge, appreciation and skills related to the rules of the road and how they contribute to safe and responsible driving.
- To develop knowledge, appreciation and skills related to driver behaviour and how it contributes to safe and responsible driving.
- To develop knowledge, appreciation and skills related to respectful and responsible driving attitudes and how they contribute to safe and responsible driving.
- To develop knowledge, appreciation and skills related to effectively interacting with other road-users and how it contributes to safe and responsible driving.
- To develop knowledge, appreciation and skills related to attention and how it contributes to safe and responsible driving.
- To develop knowledge, appreciation and skills related to perception and risk management and how they contribute to safe and responsible driving.

#### **Learner Outcomes:**

- the acronym SAFER: Space, Attitude, Foresight, Eyesight and Responsibility.
- the key points of Space including: proper following distances and the reasons why it is important, driving with the intention of space, building space in a congested situation, the relationship between speed and space.
- the key points in Attitude including: choosing your attitude; managing anger; types of distractions (visual, manual & cognitive); sharing the road with other users; attitude collision causes; speeding and the consequences of speeding; what do to when pulled over by the police.
- the key points of Foresight including: The Definition of Foresight and Situational Awareness; visual scanning; ground searches and visual scanning patterns including the Horizon Method of scanning.
- the key points of Eyesight including: Vision zones; Inattention Blindness and strategies for preventing it including the Triple Look System.
- the key points of Responsibility including: overcoming negative motives; using physical objects such as pictures to reinforce

positive actions; strategies of staying in a mentally active state.

#### Modules 11 & 12: Adverse Conditions

**Objective:** To develop knowledge, appreciation and skills related driving in adverse conditions.

#### **Learner Outcomes:**

- the six conditions that can impact driving: light, weather, road, traffic, driver and vehicle.
- the key issues and strategies concerning light conditions including: sunlight; types of sun glasses; fresh fallen snow; dirty windshields; water on road surface; night driving; types of headlights and keeping them clean; yellow night driving glasses; overdriving your headlights; proper place to look when there are oncoming cars at night; the Moth or Firefly effect; proper use of visor.
- the key issues and strategies concerning weather conditions including: the basic speed law; hydroplaning; dealing with fog; driving in the winter and the using the WINTER acronym; driving in snow and ice; getting unstuck; what to do if trapped in a blizzard; mountain driving; winter following distances; not using cruise control in the winter.
- the key issues and strategies concerning road conditions including: road design; dealing with gravel roads; rural roads; dealing with black ice.
- the key issues and strategies concerning traffic conditions including: rush hour traffic; highway traffic; night time traffic; weekend traffic; driving across provincial borders; intersections; strategies to avoid intersection collisions.
- the key issues and strategies concerning vehicle conditions including: ensuring the vehicle is properly maintained; dealing with a vehicle breakdown.
- the key issues and strategies concerning driver conditions including: choosing your attitude; expecting the unexpected; being active/proactive and avoiding intoxications; the importance of being patient; use of smooth steering and braking techniques; staying mentally and physically healthy.
- the idea that more than one condition can happen at any given time.

#### Modules 13 – 15: Collisions

**Objective:** To develop knowledge, appreciation and skills related to types of collisions and the defences needed to deal with them.

#### **Learner Outcomes:**

- the most common types of collisions (following too close collisions, backing collisions, intersection collisions and wildlife collisions).
- the causes of following too close collisions including: reasons for this collision to occur such as distraction; improper following distance and the unexpected.
- the strategies to avoid following too close collisions such as using information from the SAFER defensive driving section of the program including: staying mentally active; avoiding distractions; using proper scanning techniques; proper following distances; driving with the intention of space and the basic speed law.
- the causes of backing collisions including: the contributing hazards to backing and distraction.
- the strategies to avoid backing collisions including: the acronym BACK (back up rarely, always look back, circle check, keep slow); be aware of vehicle dimensions; take a backing course if you require additional skill.
- the strategies to avoid intersection collisions including: using key concepts from the SAFER System of Defensive Driving section (Mentally active driving, triple look system, building space, the basic speed law, checking the rear-view mirror, not passing in intersections, watching for stale green lights); using S or offset turns for safe left turns at lights.
- the issues concerning wildlife collisions including: statistics of wildlife collisions; watching for deer crossing signs; being more aware at dusk and dawn; deer are more active during hunting season; deer are herd creatures.
- the strategies for avoiding wildlife collisions including: reducing speed in wildlife areas; staying mentally alert; watch for horizontal shadows during dusk and dawn; watch for eye shine; expect more than one deer.
- strategies if a deer appears directly ahead of the vehicle including: brake hard, but do not swerve; flashing your headlights and honking the horn in short bursts; do not depend on deer whistles; always wear your seatbelt.
- strategies to take if you cannot avoid an animal collision including: hit it straight on; do not brake to keep front end from

diving down.

- the six positions of a two-car crash including: the vehicle ahead, the vehicle behind, passing, being passed, intersection and head on collisions.
- the reasons why collisions with the vehicle behind occurs: sudden stops, improper signalling, tailgating and risky left turns
- the strategies to avoid collisions with the vehicle behind including: active driving; choose lanes that have an escape route if possible; check your rear-view mirror whenever you are stopping; allow extra space between you and the vehicle infront when stopped; provide warning to drivers behind you if you are stopping, by tapping your brakes a couple of times; always drive using the building space and driving with an intention of space strategies.
- strategies for dealing with tailgaters such as slowing down and encouraging them to pass or allowing additional room between you and the vehicle ahead.
- the actions a driver should take when being passed and what is the legal responsibility.
- strategies to prevent collisions while being passed by moving over and establishing eye contact.
- proper passing techniques and what the legal requirements of passing are.
- why head on collisions occur which includes the other driver avoiding problems in their own lane; faulty maneuvering or loss
  of control.
- the four-step strategy for avoiding head on collisions: Read the Road Ahead, Ride to the Right, Reduce Speed and Ride off the Road.
- last minute decision choices that can be made to avoid head on collisions.
- train collisions and the statistics that surround them.
- strategies to prevent train collisions including: expect a train on any track at any time; next get trapped on a crossing; watch out for a second train; never race a train; watch out for vehicles that must stop at crossings; stop if you have if you are having trouble estimating the speed of a train.
- issues and strategies to avoid collisions with pedestrians including: pedestrians do not always know or follow all of the rules; new technologies are being invented to help prevent pedestrian collisions; being our "brother's keeper" to proactively look for pedestrians and prevent collisions.

- issues and strategies to avoid collisions with cyclists including: statistics; making an entire lane change when passing cyclists; understanding that young cyclist may not know or follow safe cycling laws and habits; working with others to promote helmet use.
- issues and strategies to avoid collisions with motorcycles including: statistics; using the Triple Look System to avoid Inattention Blindness; using proper shoulder checks; increase your following distance and looking for inexperienced riders as they may not be as stable as experienced ones.
- issues and strategies to avoid rollover collisions including: the five types of rollover collisions (collision caused rollovers, Lateral force rollovers, skid rollovers, Ramp rollovers and Side slope rollovers); slowing down before a curve and accelerating smoothly through the curve; not slamming and maintaining the brake on in an emergency as it hinders steering control; strategies to safely re-enter the roadway after a wheel drop off event, driving to suit the conditions; ensure items in the vehicle are secure so they do not interfere with vehicle operation; road angle can impact driving and lead to a possible rollover; speed; weather; tire quality and type of road can impact the possibility of a rollover

### **Module 16: Emergency Driving Techniques**

## **Objectives:**

- To develop knowledge, appreciation and skills related to reacting in an emergency.
- To develop knowledge, appreciation and skills related to vehicle handling and how it contributes to safe and responsible driving.

#### **Learner Outcomes:**

- what emergency driving is and when the techniques might be used and that they may or may not prevent a collision.
- information about the techniques used in emergency driving which include: visual targeting, emergency braking, collision avoidance and skid control.
- the idea that understanding your vehicle and its capabilities assists in proper emergency driving.
- the acronym WYLIWYG (Where you look is where you go).
- the concept that in order to unlock your brakes in an emergency you have to unlock your eyes from the hazard.
- general vehicle dynamics including: tire patches and the law of tire patches, grip and that grip constantly changes, the dynamic of vehicle weight transfer.
- hints and tips that help maintain vehicle control including: when possible brake in a straight line, while cornering slight acceleration keeps tire patches more consistent, slow down before a curve accelerate through a curve.
- the impact on weather on vehicle dynamics and car balance.
- the concept that snow, mud, ice gravel, rain oil will reduce tire adhesion and could lead to loss of control.
- types of emergency braking including: four-wheel lock up, anti-lock brakes, control or threshold braking, progressive squeeze braking.
- the capabilities when using anti-lock brakes which allows you to brake and steer at the same time.
- progressive squeeze braking technique of squeezing the brakes to just before lock up and that it takes practice towards making it a habit.

- the three types of skids: front wheel skid, rear wheel skid and all wheel skid.
- the reasons that skids can happen which includes: braking too hard on icy roads or driving too fast for the conditions.
- the techniques used to recover skids: look and steer where you want the front of the vehicle to go, do not brake and in a front wheel of 4-wheel drive vehicle, add a little throttle.
- the concepts and techniques associated with collision avoidance including: understanding the relationship between pitch and roll, pitch + roll + yaw and how the incorrect application of this can lead to the vehicle being de-stabilized and lead to a loss of control.
- the proper technique for a collision avoidance which includes: controlling pitch through not braking and maintaining throttle, looking to the escape route, use smooth controlled steering.
- the proper technique to be used in an emergency for a brake and avoid manoeuvre.
- how to handle other emergencies such as:
  - o your brakes fail.
  - your gas pedal sticks.
  - o your headlights go out.
  - your tire blows out.
  - you break down on the freeway.

#### Module 17: Social Issues

### **Objectives:**

- To develop knowledge, appreciation and skills related to dealing with a collision when it happens.
- To develop knowledge, appreciation of insurance and driving.
- To develop knowledge, appreciation and skills related to buying a vehicle.
- To develop knowledge, appreciation and skills related to being environmentally conscious.

#### **Learner Outcomes:**

- the proper preparation that should be in place before a collision occurs including: proper insurance; having an accident reporting kit in your vehicle; take and maintain a first aid course; carry a first aid kit in your vehicle; have your cellular phone with you when driving.
- what the possible contents of an accident reporting kit.
- what to do when approaching an existing accident scene including what to do if you are the one of the first people on the scene.
- what to do if you are involved in a collision including: stop, do not panic stay calm.
- car crash safety measures including: do not move anyone who is injured; do not stand between two vehicles; if your vehicle is driveable and there are no injuries; move it to a safe area unless there is a serious injury, then protect the scend with cones, triangles or flares.
- obtaining the proper information from other drivers and giving them your own information such as drivers licence, contact information and insurance. Taking pictures is always a good idea.
- procedures around reporting the collision to the police and your insurance agent. Do not accept liability that is for the professionals to figure out.
- the importance of driving again after a collision even if you need some additional driving lessons to regain confidence.
- the different types of insurance including: third-party Liability; Statutory accident benefits coverage; direct compensation-

property damage coverage; uninsured automobile coverage.

- the essential information about third-party liability coverage including: minimum coverage in Ontario is \$200,000 but at least \$1,000,000 is recommended; protects you from liability imposed by law.
- direct compensation and that it covers damage to your own vehicle.
- uninsured motorist coverage that protects you if you are involved with someone who is not carrying insurance.
- Loss of or damage to the insured automobile and the four types of insurance related to this including: all perils; collision or upset; comprehensive; specified perils.
- the various insurance endorsements that are available.
- with the process of buying a vehicle which would include: choosing the right vehicle; shopping for a vehicle; buying the vehicle.
- the environment impact of owning and driving a vehicle.
- the importance of properly maintaining a vehicle.
- proper disposal of cars, fluids, batteries and tires.
- strategies for driving environmentally including: accelerate gently; anticipate traffic; maintain a steady speed; avoid high speeds; cost to decelerate.

# **Module 18: Drinking, Driving and Drugs**

**Objective:** To develop knowledge, appreciation and skills related various types of impairments and the learner's responsibility.

#### **Learner Outcomes:**

- impaired driving statistics.
- the myths around impaired driving.
- the effects of alcohol on driving ability.
- the impact an impaired driving collision could have personally and on family.
- the penalties for impaired driving in Ontario and Canada.
- the penalties for impaired driving as a graduated licence holder.
- the vehicle impoundment program.
- other drugs both illegal and prescription.
- how common is cannabis use?
- what are the effects of cannabis use?
- how does cannabis affect the driver?
- what are the risks for impaired cannabis drivers?
- what are the laws that relate to cannabis and driving?
- how do police detect cannabis in a driver?
- what guidelines can I follow in terms of cannabis and driving?

### **Module 19: Fatigue**

**Objective:** To develop knowledge, appreciation and skills related to fatigue and the strategies to deal with fatigue.

#### **Learner Outcomes:**

- the definition of distraction.
- penalties for distracted driving.
- fatigue statistics.
- the definition of fatigue.
- fatigue causal factors including: tight schedules; insufficient sleep; driving at night when your body wants to sleep; driving on shifts with varied schedules; insufficient rest stops; feelings of helplessness.
- the concept of sleep loss and the impact of not getting enough sleep.
- circadian rhythms and the factors that can disrupt those rhythms.
- work and medical factors that can impact sleep.
- sleep cycles including: the stages of sleep and REM sleep.
- how age affects sleep.
- sleep disorders such as Insomnia, Sleep Apnea, Narcolepsy, RLS (Restless Leg Syndrome), DSPS (Advanced or Delayed Sleep Phase Syndromes) and others.
- rhythms of alertness and sleepiness including: the two peak times of sleepiness; two distinct zones of alertness; sunlight in the morning tells your body clock to wake up and be alert; darkness tells your body clock to decrease alertness and get ready for sleep; emergencies will temporarily increase your level of alertness and keep you awake.
- the impact that fatigue can have on your life.
- fatigue indicators.
- the impact on fatigue on night driving.

- the Stanford Sleepiness Scale as a way to judge your level of fatigue.
- the impact of physical health including proper nutrition and physical conditioning can have on fatigue and alertness.
- aids to better sleep including: having a dark room; comfortable temperature and mattress; quiet room or a constant white noise; avoid sleep interruptions.
- good sleep practices including: bedtime routines; taking time to relax and unwind before going to bed; keep bed for sleeping; inspect medications for impact.
- ways to manage time and stress management such as: balancing work, family and social obligations; making time for yourself;
   make good lifestyle choices; know your own limits.
- drowsy driving strategies that clearly work including: getting enough sleep; taking a break every 2 hours; track and react to sleep debt; staying hydrated.
- strategies for journey management including: factors that impact the driver; ensuring the vehicle is in good shape; being aware of road conditions.
- strategies that work minimally such as proper nourishment and caffeine.
- exercises that can assist as a short-term fatigue remedy.
- strategies the do not work such as: rolling down the window; nicotine; turning up the radio; adjusting temperature; odor or fragrances; driving faster or more aggressively.
- taking responsibility for yourself to ensure that you identify fatigue factors and take action to not drive or stop driving.

## **Module 20: Air Bags and Other Topics**

## **Objectives:**

- To develop knowledge, appreciation and use of anti-lock brakes and traction control systems.
- To develop knowledge, appreciation and skills related to changing a tire.
- To develop knowledge, appreciation and skills related to new technologies and their impact on driving.

#### **Learner Outcomes:**

At the end of this module, learners should be familiar with:

- how anti-lock brakes work.
- How Electronic Stability Control (ECS) works
- how to use anti-lock brakes.
- traction control systems and how they operate.
- airbags and the statistics associated with them.
- the combination of seatbelts and airbags is effective in preventing head injuries.
- airbag strategies including adjusting seating position and where to place children.
- how to change a tire.
- new vehicle technologies and strategies for using them properly including: how to properly use technology; avoiding distraction; not depending on technology to save you.

### **Module 21: Course Conclusion**

**Objective:** To summarize the final message of the program and provide details of the final exam.

### **Learner Outcomes:**

At the end of this module, learners should be familiar with:

• the final responsibility message on what they have to do to get home safely from each trip which includes: that it starts with

them as the driver; having a good attitude; ensure that you have the competencies and are a life long learner; and that you drive consistently well.

#### D. Terms of Access

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