

## IN-CAR LESSONS: Objectives, Environment, and Suggested Sequence

**Program requirement:** Six hours behind-the-wheel on no less than six days and up to 12 hours of observation. Develop objective-based route plans and use lesson plans that maximize student-centered learning. These 12, half-hour drives can be combined to meet the required minimum of six hours behind-the-wheel. Integrate with the Curriculum Modules indicated in each Drive.

Drive 1: Start, Steer, and Stop	Drive 2: Intersections and Turns
<p><b>Environment:</b> <i>Parking lot</i>  <b>Modules</b> 2.2 <i>Basic Control</i> and 5.3 <i>Protecting Occupants</i></p> <p>Preparing to drive            Orientation to controls/adjustments            All occupants buckled up            Starting the vehicle            Steering wheel control            Putting the vehicle into motion            Managing speed control            On/off targeting (vision control):</p> <ul style="list-style-type: none"> <li>▪ Turn head before turning steering wheel</li> </ul> <p>Tracking on a straight path            Stopping smoothly with controlled braking            Stopping quickly with threshold braking            Securing and exiting the vehicle</p>	<p><b>Environment:</b> <i>Low speed, low-risk traffic</i>  <b>Module</b> 2.3 <i>Traffic Control and Laws</i></p> <p>Locating reference points            Selecting lane and position            Searching intersections            Responding to signs, signals, and markings            Selecting gaps and entering intersections:</p> <ul style="list-style-type: none"> <li>▪ Turning right from a stop and while moving</li> <li>▪ Turning left from a stop and while moving</li> </ul> <p>Backing on a straight path            Backing while turning            Eye searching, habits and practices:</p> <ul style="list-style-type: none"> <li>▪ checking mirrors every 6-8 seconds</li> <li>▪ checking over the shoulder</li> <li>▪ looking left, right, straight ahead and left again</li> <li>▪ looking through turns</li> </ul>
Drive 3: Yield, Search LOS/POT	Drive 4: Find, Solve, Control
<p><b>Environment:</b> <i>Low-risk traffic</i>  <b>Modules</b> 3.1 <i>Vision</i> and 3.2 <i>Managing Time and Space</i></p> <p>Responding to traffic signs, signals, and markings:</p> <ul style="list-style-type: none"> <li>▪ Yielding right of way</li> <li>▪ Selecting where to stop</li> </ul> <p>Searching to the front            Evaluating sight distance            Approaching and recognizing intersection types            Searching intersections            Identifying LOS/POT restrictions            Controlling space to the front:</p> <ul style="list-style-type: none"> <li>▪ Judging distance in seconds</li> <li>▪ Establishing following time</li> </ul> <p>Selecting lane and position            Selecting gaps and entering intersections            Changing lanes            Reading instruments</p>	<p><b>Environment:</b> <i>Moderate traffic</i>  <b>Modules</b> 3.1 <i>Vision</i> and 3.3 <i>Mixing with Traffic</i></p> <p>Evaluating target path and sight distance            Visual searching and identifying hazards            Responding to LOS/POT conditions            Selecting lane positions            Applying speed control            Stopping with vehicle in front            Using staggered stops for space management            Delaying moving for two seconds            Identifying open/closed zones            Using share lanes</p>
Drive 5: Turnabouts and Parking	Drive 6: Manage Space and Stops
<p><b>Environment:</b> <i>Low-risk traffic</i>  <b>Module</b> 3.4 <i>Sharing the Road</i></p> <p>Selecting and performing turnabout options:</p> <ul style="list-style-type: none"> <li>▪ Mid-block U-turn</li> <li>▪ Intersection U-turn</li> <li>▪ Two-point turn, right and left</li> <li>▪ Three-point turn</li> </ul> <p>Parking: angle, forward perpendicular, parallel</p>	<p><b>Environment:</b> <i>Low to moderate traffic and speeds, parking lot; Module</i> 3.5 <i>Limited Spaces</i></p> <p>Space management            Backing into perpendicular parking            Backing into an alley or driveway            Making legal stops and staggered stops            Responding to signs, signals, markings            Practice commentary driving</p>

<b>Drive 7: Curves and Hills</b>	<b>Drive 8: Complex Traffic and Speed</b>
<p><b>Environment: <i>Moderate speeds and traffic</i></b> <b>Modules 4.1 Natural Laws and 4.2 Curves and Hills</b></p> <p>Space management</p> <p>Searching for curves in target area</p> <ul style="list-style-type: none"> <li>▪ Adjusting for best speed</li> <li>▪ Adjusting for best lane position</li> </ul> <p>Searching through curves</p> <p>Driving through curves</p> <ul style="list-style-type: none"> <li>▪ Approach</li> <li>▪ Visual search</li> <li>▪ Speed control/trail braking</li> <li>▪ Lane position</li> <li>▪ Managing vehicle balance</li> </ul> <p>Driving up and down hills</p> <ul style="list-style-type: none"> <li>▪ Selecting best lane position</li> <li>▪ Maintaining speed control</li> <li>▪ Stopping and starting on a hill</li> <li>▪ Parking on uphill and downhill grades</li> </ul>	<p><b>Environment: <i>Complex with increased speeds and traffic</i></b> <b>Module 4.3 Urban Driving</b></p> <p>Space management</p> <p>Using systematic search patterns</p> <p>Identifying critical areas</p> <p>Interacting with other users</p> <p>Recognizing rear zone changes</p> <p>Controlling rear zone</p> <p>Keeping 3-4 second space between your vehicle and others</p> <p>Navigating one-way streets</p> <p>Communication and courtesy</p>
<b>Drive 9: Passing</b>	<b>Drive 10: Lane Changing</b>
<p><b>Environment: <i>Moderate speeds and traffic</i></b> <b>Module 4.4 Rural and Highway Driving</b></p> <p>Space management</p> <p>Sharing the road with other users</p> <p>Gap selection</p> <p>Passing and being passed on two-lane roads</p> <p>Practicing anti-lock system braking (ABS) when available</p>	<p><b>Environment: <i>Complex with increased speeds and traffic</i></b> <b>Module 5.1 Adverse Conditions and 5.2 Emergencies</b></p> <p>Space management</p> <p>Using systematic search patterns</p> <p>Identifying critical areas</p> <p>Interacting with other users</p> <p>Entering, merging, lane changing and exiting limited access highways</p> <p>Handling emergency situations (simulated if trained)</p>
<b>Drive 11: Manage Zones</b>	<b>Drive 12: Assess Skills &amp; Final Drive</b>
<p><b>Environment: <i>Complex with increased speeds and traffic</i></b> <b>Practice legal and safe driving skills</b></p> <p>Space management</p> <p>Managing zones</p> <p>Sharing the road with other users</p> <p>Communication and courtesy</p> <p>Driving at night (when available)</p> <p>Railway grade crossing</p> <p>Ten good driving habits review</p>	<p>Skills assessment</p> <p>If the program is CDTP-certified* the road test can be given by the instructor</p> <p><i>* The Cooperative Driver Testing Program (CDTP), in cooperation with the Motor Vehicle Division of the Department of Justice, allows trained and certified traffic education instructors to administer the driver license knowledge exam and issue learner licenses to students. CDTP-certified instructors may also give the road test.</i></p>
<b>Summary of Best Practices for In-Car Lessons</b>	
<ul style="list-style-type: none"> <li>• Start out slow in low-risk traffic and develop route plans for your lessons.</li> <li>• Encourage students and parents/guardians to practice the driving skills they are learning in class.</li> <li>• Have a cell-phone policy. Some teachers put all students' cell phones in the trunk during drives.</li> <li>• Use commentary driving to enhance the learning process and good driving habits.</li> <li>• Consider using an in-car camera.</li> </ul>	