

## Michigan Driver and Traffic Safety Education Association (MDTSEA)

How MDTSEA's *Michigan Traffic Safety Education Student Manual* (2010 Edition)  
 Corresponds With the New Michigan Department of State  
 Driver Education Curriculum Guide  
 For the classroom portions of Segment 1 and 2

### SEGMENT 1 Driver Education

Module Number	1	Module Name	Introduction	
Topic Number	Topic Name and Performance Objectives		Corresponds to Various Resources	Corresponds to MDTSEA Textbook
1-1	<b>Course Introduction</b>  The student is expected to: <ol style="list-style-type: none"> <li>a. complete the program registration process as needed;</li> <li>b. understand the goal of Segment 1 driver education; and</li> <li>c. Understand the course structure, policies, and rules.</li> </ol>		Driver education provider overview	
1-2	<b>Michigan's Graduated Driver Licensing Law</b>  The student is expected to understand Michigan's Graduated Driver licensing Law and procedures for compliance.		<i>What Every Driver Must Know</i> (WEDMK-February 2006) Pages 7 – 21	Pages 1.3 – 1.13
1-3	<b>Young Driver Crash Problem</b>  The student is expected to understand that driving is a complex task that involves risk and decisions about risk taking.		ADTSEA 1-10 and 1-11  MDOS Risk awareness materials	1.14 - 1.17 8.11 – 8.13 16.16 18.2 – 18.3

Module Number	2	Module Name	Preparing to Operate a Vehicle in a Controlled Environment	
Topic Number	Topic Name and Performance Objectives		Corresponds to Various Resources	Corresponds to MDTSEA Textbook
	<b>Introduction to Topic</b>		ADTSEA 2-2 and 2-3	
2-1	<b>Occupant Restraints</b>  The student is expected to demonstrate knowledge of and proper usage of protective devices available to occupants of motor vehicles.		ADTSEA 2-4 and 2-5  WEDMK 61 - 63	Pages 2.6 – 2.12

Topic Number	Topic Name and Performance Objectives	Corresponds to Various Resources	Corresponds to MDTSEA Textbook
2-2	<p><b>Vehicle Operating Space</b></p> <p>The student is expected to recognize and illustrate the vehicle operating space needed for reduced-risk operation.</p>	ADTSEA 2-6 and 2-7	Pages 3-2 – 3.9 5.6 – 5.7 6.12 – 6.13 8.16 – 8.17 9.4, 13.3
2-3	<p><b>Pre-entry Checks</b></p> <p>The student is expected to describe the pre-entry checks to be made around the vehicle.</p>	ADTSEA 2-8 and 2-9  WEDMK 79 - 80	Pages 3.3 – 3.4
2-4	<p><b>Pre-drive Procedures</b></p> <p>The student is expected to describe the pre-drive procedures used after entering the vehicle.</p>	ADTSEA 2-8 and 2-9	Pages 3.4 – 3.9
2-5	<p><b>Control, Communication, Safety and Information Devices</b></p> <p>The student is expected to:</p> <ul style="list-style-type: none"> <li>a. identify the control and information devices found in a passenger vehicle in preparation for starting the vehicle; and</li> <li>b. identify and describe the location, function and operation of control, communication, safety, and convenience devices in the vehicle.</li> </ul>	ADTSEA 2-10 through 2-13	Pages 4.1 – 4.15
2-6	<p><b>Mirror Settings</b></p> <p>The student is expected to demonstrate knowledge of enhanced mirror settings by comparing traditional mirror settings to enhanced mirror settings.</p>	ADTSEA 2-14 and 2-15	Pages 3.7 – 3.9 4.12
2-7	<p><b>Basic Vehicle Maneuvers</b></p> <p>The student is expected to demonstrate knowledge of procedural steps for basic vehicle maneuvering.</p>	ADTSEA 2-16 through 2-27	Pages 5.1 – 5.10 6.1 – 6.11
2-8	<p><b>Steering</b></p> <p>The student is expected to identify the different styles of steering a vehicle.</p>	ADTSEA 2-18 through 2-21	Pages 6.2 – 6.5 6.11

<b>Module Number</b>	<b>3</b>	<b>Module Name</b>	<b>Traffic Control Devices</b>	
<b>Topic Number</b>	<b>Topic Name and Performance Objectives</b>		<b>Corresponds to Various Resources</b>	<b>Corresponds to MDTSEA Textbook</b>
	<b>Introduction to Topic</b>		ADTSEA 2-2 and 2-3	
3-1	<b>Signs</b> The student is expected to identify the types, colors, shapes, and meanings of roadway signs and describe the actions required of a driver in response to these signs.		ADTSEA 2-28 and 2-29, and 2-32 and 2-33  WEDMK 64 – 69; 75	Pages 7.1 – 7.15
3-2	<b>Signals</b> The student is expected to identify traffic signals and describe the actions required of a driver in response to these signals.		ADTSEA 2-30 through 2-33  WEDMK 72 – 77	Pages 7.19 – 7.23
3-3	<b>Markings</b> The student is expected to identify roadway markings and describe the actions required of a driver in response to these markings.		ADTSEA 2-30 through 2-33  WEDMK 70 - 72	Pages 7.16 – 7.19

<b>Module Number</b>	<b>4</b>	<b>Module Name</b>	<b>Vision and Space Management</b>	
<b>Topic Number</b>	<b>Topic Name and Performance Objectives</b>		<b>Corresponds to Various Resources</b>	<b>Corresponds to MDTSEA Textbook</b>
	<b>Introduction to Topic</b>		ADTSEA 3-2 and 3-3	
4-1	<b>Vision and Perception</b> The student is expected to identify and describe the visual and perceptual tasks required of a driver to operate a motor vehicle safely.		ADTSEA 3-4 and 3-5  WEDMK 81	Pages 6.12 – 6.13 8-2 – 8.6 13.2 – 13.10 17.9 – 17.10
4-2	<b>See/Evaluate/Execute Space Management System (SEE)</b> The student is expected to demonstrate knowledge of the space management system, SEE.		ADTSEA 3-6 and 3-7	Pages 1.15 – 1.16 8.1 – 8.10 8.14 – 8.17
4-3	<b>Search Procedures</b> The student is expected to demonstrate knowledge of the search process.		ADTSEA 3-8 and 3-9	Pages 8.4 – 8.10

<b>Topic Number</b>	<b>Topic Name and Performance Objectives</b>	<b>Corresponds to Various Resources</b>	<b>Corresponds to MDTSEA Textbook</b>
4-4	<b>Evaluating Risk Process</b> The student is expected to demonstrate knowledge of the evaluating risk process.	ADTSEA 3-8 and 3-9  MDOS Risk Awareness Materials	1.14 – 1.17 8.11 – 8.13 16.16
4-5	<b>Executing an Appropriate Response</b> The student is expected to demonstrate knowledge of the execution process for making an appropriate response.	ADTSEA 3-10 and 3-11	1.15 – 1.16 8.9
4-6	<b>Communicating Intentions</b> The student is expected to describe how drivers can communicate their intended moves to other highway users.	ADTSEA 3-10 and 3-11	Pages 7.23 8.13 – 8.14 13.3 18.7 – 18.8
4-7	<b>Managing Visibility, Time, and Space</b> The student is expected to describe where, when, how, and what a driver needs as part of the search process for a space management system and why the 2-second following distance rule is not adequate.	ADTSEA 3-12 and 3-13	Pages 5.6 – 5.7 6.5 – 6.7 6.12 – 6.13 8.14 – 8.17 9.4

<b>Module Number</b>	<b>5</b>	<b>Module Name</b>	<b>Basic Maneuvering Tasks</b>	
<b>Topic Number</b>	<b>Topic Name and Performance Objectives</b>		<b>Corresponds to Various Resources</b>	<b>Corresponds to MDTSEA Textbook</b>
	<b>Introduction to Topic</b>		ADTSEA 4-2 and 4-3	
5-1	<b>Turns</b> The student is expected to demonstrate knowledge of turning at intersections		ADTSEA 4-4 and 4-5  WEDMK 84 - 85	Pages 9.10 – 9.13 11.14 – 11.15
5-2	<b>Approaching an Intersection</b> The student is expected to describe the actions needed to reduce the level of risk when approaching an intersection.		ADTSEA 4-4 and 4-5  WEDMK 83 - 85	Pages 9.2 – 9.9 11.12 – 11.15
5-3	<b>Stopping</b> The student is expected to describe staggered stops and double stops.		ADTSEA 4-6 and 4-7	Pages 9.4 – 9.8

<b>Topic Number</b>	<b>Topic Name and Performance Objectives</b>	<b>Corresponds to Various Resources</b>	<b>Corresponds to MDTSEA Textbook</b>
5-4	<p><b>Lane Changes</b></p> <p>The student is expected to demonstrate knowledge of changing lanes.</p>	<p>ADTSEA 4-6 and 4-7</p> <p>WEDMK 80</p>	<p>Pages 3.7 – 3.8 9.15 12.8</p>
5-5	<p><b>Turning Around</b></p> <p>The student is expected to demonstrate knowledge of procedures for turning around.</p>	<p>ADTSEA 4-8 and 4-9</p>	<p>Pages 10.4 – 10.7</p>
5-6	<p><b>Parking</b></p> <p>The student is expected to demonstrate knowledge of procedures for parking on hills, and angle, perpendicular, and parallel parking.</p>	<p>ADTSEA 4-10 through 4-16</p> <p>WEDMK 89 - 91</p>	<p>Pages 10.8 – 10.15</p>
5-7	<p><b>Lane Selection and Positioning</b></p> <p>The student is expected to demonstrate knowledge of procedures for selecting and positioning a motor vehicle in the proper lane for safe, smooth driving.</p>	<p>ADTSEA 4-16 and 4-17</p>	<p>Pages 9.14 12.8</p>
5-8	<p><b>Maintaining Visibility Through Curves</b></p> <p>The student is expected to describe how to maintain visibility through curves.</p>	<p>ADTSEA 4-18 and 4-19</p>	<p>Pages 11.2</p>
5-9	<p><b>Passing and Being Passed</b></p> <p>The student is expected to:</p> <ol style="list-style-type: none"> <li>demonstrate knowledge of passing and being passed, and will describe the basic maneuvers for using a shared turning lane;</li> <li>describe the seriousness of the problem of injuries and fatalities associated with head-on crashes;</li> <li>identify the conditions described by Michigan law that regulate passing; and</li> <li>describe the procedures for passing.</li> </ol>	<p>ADTSEA 4-20 through 4-24</p> <p>WEDMK 85 - 87</p>	<p>Pages 2.4 11.8 – 11.11 13.30</p>
5-10	<p><b>Complex Traffic Situations</b></p> <p>The student is expected to describe proper lane position and techniques when driving when driving in complex traffic situations.</p>	<p>ADTSEA 4-24 and 4-25</p>	<p>Pages 9.14 11.1 – 11.7 13.8 – 13.25 15.12 – 15.21</p>

Module Number	6 Module Name	Risk Reducing Strategies for High-speed, Multi-lane Expressways	
Topic Number	Topic Name and Performance Objectives	Corresponds to Various Resources	Corresponds to MDTSEA Textbook
	<b>Introduction to Topic</b>	ADTSEA 5-2 and 5-3	
6-1	<b>Characteristics and Features of Expressways</b>  The student is expected to: <ol style="list-style-type: none"> <li>demonstrate knowledge of protective devices incorporated into roadway and roadside structures;</li> <li>describe the various traffic controls encountered in expressway driving;</li> <li>describe types of interchanges associated with expressways; and</li> <li>describe the preparation needed before taking long or short trips on expressways</li> </ol>	ADTSEA 5-4 through 5-7  WEDMK 87 - 88	Pages 12.1 – 12.15 21.1 – 21.7
6-2	<b>Entering an Expressway</b>  The student is expected to: <ol style="list-style-type: none"> <li>describe how to reduce risk when entering an expressway;</li> <li>describe possible problems when entering an expressway;</li> <li>describe special characteristics and problems associated with a left merge onto the expressway; and</li> <li>define a “weave lane” and the problems associated with it.</li> </ol>	ADTSEA 5-12 through 5-16  WEDMK 87	Pages 12.5 – 12.6 12.12 – 12.13
6-3	<b>Driving on Expressways</b>  The student is expected to: <ol style="list-style-type: none"> <li>describe special characteristics when driving on an expressway;</li> <li>describe the best lane of travel depending on the situation for expressways;</li> <li>describe laws and speed adjustments necessary to reduce risk when driving on an expressway;</li> <li>describe procedures and situations regarding lane changes on the expressway;</li> <li>describe the dangers associated with passing on expressways and the strategies used to reduce risk when passing; and</li> <li>describe the driver’s responsibility when being passed on the expressway.</li> </ol>	ADTSEA 5-16 through 5-21  WEDMK 87 - 89	Pages 12.7 – 12.9

<b>Topic Number</b>	<b>Topic Name and Performance Objectives</b>	<b>Corresponds to Various Resources</b>	<b>Corresponds to MDTSEA Textbook</b>
6-4	<p><b>Exiting an Expressway</b></p> <p>The student is expected to:</p> <ol style="list-style-type: none"> <li>describe risk-reducing strategies for exiting an expressway;</li> <li>identify possible exiting problems; and</li> <li>describe special roadway conditions that may be encountered on the expressway and the strategies used to reduce risks.</li> </ol>	<p>ADTSEA 5-22 through 5-25</p> <p>WEDMK 88</p>	<p>Pages 12.10-12.15</p>

<b>Module Number</b>	<b>7</b>	<b>Module Name</b>	<b>Environmental Factors Affecting Safe Vehicle Operation</b>	
<b>Topic Number</b>	<b>Topic Name and Performance Objectives</b>		<b>Corresponds to Various Resources</b>	<b>Corresponds to MDTSEA Textbook</b>
	<b>Introduction to Topic</b>		ADTSEA 7-2 and 7-3	
7-1	<p><b>Reduced Visibility</b></p> <p>The student is expected to demonstrate knowledge of the problems associated with reduced visibility and strategies for reducing risks when driving: at night; in fog, rain, snow, smoke, or strong winds; or under glaring conditions.</p>		<p>ADTSEA 7-4 through 7-8</p> <p>WEDMK 105 - 107</p>	<p>Pages 13.2 – 13.10</p>
7-2	<p><b>Changing Traction Conditions</b></p> <p>The student is expected:</p> <ol style="list-style-type: none"> <li>demonstrate knowledge of weather, other physical conditions, and driver actions that influence the level of traction or adhesion between tires, road surface, and vehicle control;</li> <li>describe the term “hydroplaning” and how it causes loss of traction;</li> <li>describe the characteristics of front wheel and rear wheel traction loss; and</li> <li>describe the actions to take in order to return the vehicle to the road surface under control, after having steered or drifted onto the shoulder.</li> </ol>		<p>ADTSEA 7-10 through 7-16</p> <p>WEDMK 106</p>	<p>Pages 13.10 – 13.30</p>

<b>Module Number</b>	<b>8</b>	<b>Module Name</b>	<b>Warning Lights, Malfunctions, and Crash Reporting</b>	
<b>Topic Number</b>	<b>Topic Name and Performance Objectives</b>		<b>Corresponds to Various Resources</b>	<b>Corresponds to MDTSEA Textbook</b>
	<b>Introduction to Topic</b>		ADTSEA 8-2 and 8-3	
8-1	<b>Vehicle Warning Lights and Gauges</b> The student is expected to understand the importance of warning lights and gauges on the dashboard of the vehicle and what action to take if a warning light illuminates while driving or a gauge indicates a vehicle system malfunction.		ADTSEA 8-4 and 8-5	Pages 4.2 – 4.5 14.2 – 14.3
8-2	<b>Vehicle Malfunctions</b> The student is expected to describe the correct actions to take in response to driving emergencies caused by a vehicle system’s malfunction, including: <ol style="list-style-type: none"> <li>tire blowout or failure;</li> <li>accelerator failure;</li> <li>brake failure;</li> <li>engine failure;</li> <li>power steering failure; and</li> <li>car fire.</li> </ol>		ADTSEA 8-6 through 8-9	Pages 14.4 – 14.9 14.15
8-3	<b>Crash Reporting</b>  The student is expected to describe the actions to take when involved in a crash.		ADTSEA 8-20 and 8-21 WEDMK 108	Pages 14.22 – 14.23

<b>Module Number</b>	<b>9</b>	<b>Module Name</b>	<b>Sharing the Road</b>	
<b>Topic Number</b>	<b>Topic Name and Performance Objectives</b>		<b>Corresponds to Various Resources</b>	<b>Corresponds to MDTSEA Textbook</b>
	<b>Introduction to Topic</b>		ADTSEA 8-2, 8-3, 9-2, 9-3	
9-1	<b>Sharing the Road:</b> The student is expected to describe and demonstrate risk reduction strategies for sharing the road with: <ol style="list-style-type: none"> <li>trucks;</li> <li>slow-moving and over-sized vehicles;</li> <li>recreational vehicles, including trailers;</li> <li>motorcycles, mopeds and scooters;</li> <li>passenger buses and school buses;</li> <li>emergency vehicles;</li> <li>construction vehicles;</li> <li>pedestrians;</li> <li>funeral processions; and</li> <li>bicycles.</li> </ol>		ADTSEA 8-2 and 8-3 8-10 – 8-19 9-2 and 9-3 9-10 – 9-14 9-18  WEDMK 75, 94-102	Pages 15.1 – 15.21

<b>Module Number</b>	<b>10</b>	<b>Module Name</b>	<b>Personal Factors Influencing Operator Performance</b>	
<b>Topic Number</b>	<b>Topic Name and Performance Objectives</b>		<b>Corresponds to Various Resources</b>	<b>Corresponds to MDTSEA Textbook</b>
	<b>Introduction to Topic</b>		ADTSEA 6-2 and 6-3	
10-1	<b>Alcohol and Drugs</b>  The student is expected: <ol style="list-style-type: none"> <li>explain the definition of “intoxicated” according to Michigan law;</li> <li>explain the penalties associated with driving under the influence;</li> <li>explain how alcohol affects the body;</li> <li>describe the effects of alcohol on space management including perception, vision, reaction time, and risk taking; and</li> <li>recognize the physiological and psychological effects of alcohol and other drugs on the driving task.</li> </ol>		ADTSEA 6-12 through 6-17  6-26 and 6-27  6-30 and 6-31  WEDMK 46 - 60	Pages 16.2 – 16.16 17.2 20.7
10-2	<b>Fatigue and Staying Alert</b>  The student is expected to: <ol style="list-style-type: none"> <li>describe the cause of fatigue and how it affects a driver’s abilities;</li> <li>discuss physical and mental fatigue symptoms; and</li> <li>list ways to delay fatigue onset and symptoms.</li> </ol>		ADTSEA 6-34 and 6-35	Pages 8.3 17.3 – 17.7
10-3	<b>Emotions</b>  The student is expected: <ol style="list-style-type: none"> <li>describe the kinds of emotions that can affect driver behavior; and</li> <li>examine the effects of emotions on driving, and describe ways to control emotions.</li> </ol>		ADTSEA 6-36 and 6-37	Pages 17.7 – 17.8 18.9 – 18.11
10-4	<b>Aggressive Driving and Road Rage</b>  The student is expected to: <ol style="list-style-type: none"> <li>describe aggressive driving characteristics and road rage; and</li> <li>describe how to respond to aggressive drivers.</li> </ol>		ADTSEA 6-38 and 6-39  WEDMK 102 - 103	18.1 – 18.11

<b>Topic Number</b>	<b>Topic Name and Performance Objectives</b>	<b>Corresponds to Various Resources</b>	<b>Corresponds to MDTSEA Textbook</b>
10-5	<p><b>Distractions</b></p> <p>The student is expected to:</p> <ol style="list-style-type: none"> <li>understand the definition and scope of the distracted driving problem;</li> <li>describe potential distractions that could occur inside the vehicle; and</li> <li>describe potential distractions that could occur outside the vehicle.</li> </ol>	<p>ADTSEA 10-4 through 10-17</p> <p>WEDMK 93 - 94</p>	17.11 – 17.16

<b>Module Number</b>	<b>11</b>	<b>Module Name</b>	<b>Final Examination</b>	
<b>Topic Number</b>	<b>Topic Name and Performance Objectives</b>		<b>Corresponds to Various Resources</b>	<b>Corresponds to MDTSEA Textbook</b>
11-1	<b>Final Examination</b>		MDOS Testing System	

## SEGMENT 2 Driver Education

Module Number	1	Module Name	Risk Awareness	
Topic Number	Topic Name and Performance Objectives		Corresponds to Various Resources	Corresponds to MDTSEA Textbook
1-1	<p><b>Developing Risk Awareness</b></p> <p>The student is expected to identify the risk and methods to reduce risk for the following risk factors:</p> <ul style="list-style-type: none"> <li>a. age and gender;</li> <li>b. experience;</li> <li>c. month, day, and hour;</li> <li>d. passengers;</li> <li>e. safety belt usage'</li> <li>f. roadways traveled; and</li> <li>g. vehicle selection.</li> </ul>		<p>MDOS Risk Awareness Materials</p> <p>ADTSEA 3-8 through 3-9</p>	<p>Pages 1.14 -1 1.17 8.11 – 8.13 16.16 18.2 – 18.3</p>
1-2	<p><b>Distractions</b></p> <p>The student is expected to:</p> <ul style="list-style-type: none"> <li>a. demonstrate a summary knowledge of the dangers of distracted driving;</li> <li>b. develop a plan to prevent distractions before getting behind the wheel; and</li> <li>c. develop a plan to address distractions while driving.</li> </ul>		<p>MDOS Risk Awareness Materials</p> <p>ADTSEA 10-18 through 10-41</p>	<p>Pages 17.11 – 17.16</p>
1-3	<p><b>Aggressive Driving</b></p> <p>The student is expected to:</p> <ul style="list-style-type: none"> <li>a. examine different degrees of aggressive behavior and describe characteristics of each; and</li> <li>b. develop strategies for anger management and for responding to each type of aggressive driver.</li> </ul>		<p>ADTSEA 6-40 and 6-41</p> <p>WEDMK 102 - 103</p>	<p>Pages 18.1 – 18.11</p>

<b>Module Number</b>	<b>2</b>	<b>Module Name</b>	<b>Avoiding Alcohol-Involved Driving</b>	
<b>Topic Number</b>	<b>Topic Name and Performance Objectives</b>		<b>Corresponds to Various Resources</b>	<b>Corresponds to MDTSEA Textbook</b>
2-1	<b>Scope and Effect of Alcohol-Related Crashes</b>  The student is expected to: <ol style="list-style-type: none"> <li>relate the scope of the overall alcohol and traffic safety problem in Michigan and the United States; and</li> <li>explore the effect alcohol-related crashes have on families and communities.</li> </ol>		ADTSEA 6-8 through 6-9 and 6-28 through 6-30	Pages 16.1 – 16.13
2-2	<b>Avoiding Alcohol-Involved Driving</b>  The student is expected to: <ol style="list-style-type: none"> <li>develop a plan to intervene when someone is drinking and intends to drive; and</li> <li>relate or develop a plan to say “no” to peer pressure involving alcohol or other drug usage.</li> </ol>		ADTSEA 6-3 through 6-8	Pages 16.13 – 16.16

<b>Module Number</b>	<b>3</b>	<b>Module Name</b>	<b>Driver and Vehicle Actions</b>	
<b>Topic Number</b>	<b>Topic Name and Performance Objectives</b>		<b>Corresponds to Various Resources</b>	<b>Corresponds to MDTSEA Textbook</b>
3-1	<b>Vehicle Actions</b>  The student is expected to: <ol style="list-style-type: none"> <li>relate the effects of momentum, gravity, and inertia in personal driving situations; and</li> <li>list and identify the purpose of new vehicle technology for reducing the crash effects of driver error.</li> </ol>		ADTSEA 7-8 and 7-9 and video 7.5 and 7.7	Pages 2.2 – 2.5 2.12 – 2.14 6.10 – 6.11 13.10 – 13.13 14.16
3-2	<b>Driver Actions</b>  The student is expected to identify steering actions and speed control techniques used to avoid crashes and minimize the impact of a crash.		ADTSEA 7-8	Pages 2.4 – 2.5 13.26 – 13.30 14.4 – 14.9

<b>Module Number</b>	<b>4</b>	<b>Module Name</b>	<b>Final Examination</b>	
<b>Topic Number</b>	<b>Topic Name and Performance Objectives</b>		<b>Corresponds to Various Resources</b>	<b>Corresponds to MDTSEA Textbook</b>
4-1	<b>Final Examination</b>		MDOS Testing System	