# DRIVER EDUCATION CURRICULUM GUIDE



Michigan Department of State
Office of Investigative Services
Driver Education and Testing Section

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### Section 1 – Introduction

### **Background**

In the spring of 2004, legislation passed that moved all oversight responsibilities for driver education from the Michigan Department of Education to the Michigan Department of State (MDOS). This legislation included an October 1, 2006, sunset date for the Driver Education and Training Schools Act.

In response to the need for new legislation, the Secretary of State assembled a Driver Education Advisory Committee made up of key stakeholders in the driver education and training industry. The 10-member committee, comprised of driver education providers, instructors, third-party skills testers, and other safety advocates, completed its work in late 2005. The goals were to eliminate overlap in statutory requirements, achieve consistency in program objectives, strengthen and improve curriculum, and establish appropriate requirements and qualifications for driver education providers and instructors. Included in the recommendations to strengthen and improve curriculum were:

- 1. MDOS should develop curriculum guides for both the Segment 1 and Segment 2 driver education courses. The curriculum requirements should be based on the American Driver and Traffic Safety Education Association's model curriculum.
- 2. MDOS should develop a pool of test questions for the Segment 1 and Segment 2 final knowledge tests. The pool of questions should be included in a software package like the existing CDL testing software to allow for a unique test for each student.

Based on the committee's recommendations, the Secretary of State proposed numerous enhancements to the law in April 2006 with a two-year phase in. These became the basis for the Driver Education Provider and Instructor Act, which was signed into law on September 26, 2006, as PA 384 of 2006. Go to the Department of State's Web site at **www.Michigan.gov/sos** for the full text of the act. Click (on the left) on "Driver License and State ID," then on "Driver Education Providers and Instructors," and finally "Laws and Regulations."

This Curriculum Guide was developed to provide driver education instructors and providers with a detailed framework of the concepts, objectives, and standards students will need to master to successfully meet the goals of Michigan's Segments 1 and 2 Driver Education. By ensuring that students are properly prepared to drive, we will reduce crash rates among young drivers and make Michigan's roads safer.

#### **Acronyms and Definitions**

As used in this document:

ADTSEA stands for American Driver and Traffic Safety Education Association.

<u>Behind-the-wheel instruction</u> means instruction in which a student is in control of a motor vehicle on a multi vehicle facility, public street, or highway in real and varied traffic situations and a driver education instructor is the only other occupant in the front passenger seating area with the student.

<u>CARS</u> stands for Customer Automobile and Record System. A new modernized system that brings more efficient, convenient services for providers and instructors through an e-Services system.

<u>Commentary Driving</u> means having the student driver identify and verbalizes the events ahead while driving. It fosters an environment where the student can develop both perception skills and psychomotor skills. Also, a very effective observer activity.

<u>Classroom instruction</u> means that part of a driver education course occurring in a classroom environment and enabling a student to learn through varied instructional methods, under the direct guidance of a driver education instructor.

<u>Curriculum</u> means a written plan that guides the instruction given in a driver education course and includes performance objectives, a content outline, detailed learning activities, and assessment tools.

<u>HTD Curriculum</u> means the "AAA How to Drive 15<sup>th</sup> Edition" Curriculum produced by the American Automobile Association.

<u>Michigan Curriculum Guide</u> means the pared down, 45-hour HTD curriculum, Michigan specific documents, used to meet the required 30 hours of curriculum in Michigan.

<u>Driver education course</u> means a program of study offered by a certified driver education provider, which enables a student to acquire the basic knowledge, skills, and attitudes necessary to operate a motor vehicle upon a highway transportation system.

MDOS means the Michigan Department of State.

<u>Performance objective</u> means a certain level of knowledge and skill a student is expected to acquire to successfully complete a driver education course.

 $\underline{S1}$  means a Segment 1 driver education course that meets the requirements in Section 37 of PA 384 of 2006.

<u>S2</u> means a Segment 2 driver education course that meets the requirements in Section 39 of PA 384 of 2006.

### Section 35 of PA 384 of 2006

Section 35 of PA 384 of 2006 requires the secretary of state to prescribe a model curriculum for teen driver training under this act. After September 1, 2007, a driver education provider classified for teen driver training shall use the secretary of state's prescribed model curriculum or may use an alternative curriculum only after it has been reviewed and approved by the secretary of state. The secretary of state may approve an alternative curriculum if it substantially meets or exceeds the standards of the secretary of state's prescribed model curriculum.

This Curriculum Guide serves as the written plan for instruction on the MDOS's prescribed model curriculum. The Guide is based on AAA How To Drive 15<sup>th</sup> Edition curriculum.

#### Michigan's Two Segments of Driver Education

Michigan's driver education curriculum is split into two segments. Segment 1 driver education is offered before the driver begins supervised driving and requires a minimum of 24 hours of classroom instruction, a minimum of six hours of behind-the-wheel instruction, and a minimum of four hours of observation time in a training vehicle. Segment 2 driver education is offered after the driver has acquired 30 hours of driving experience and will soon begin unsupervised driving. Segment 2 includes a minimum of six hours of classroom instruction. A review of literature related to driver education indicates that the preferred method of delivering driver education is in two segments. Michigan is the only state that offers driver education in two segments.

#### **New Curriculum**

The AAA How to Drive 15<sup>th</sup> Edition curriculum focuses on cognitive distraction, risk awareness; time, space, and distance-perception skill development, vehicle safety technologies, sleep deprivation, drugged driving, adverse conditions/ emergencies, vulnerable road users such as pedestrians and bicyclists, safe traffic stops and Move Over & Slow Down laws. All these topic areas help with the recognition of and appropriate response to hazards in the ever-changing driving environment. Emphasis is placed on linking visual search skills, space management, and vehicle control to risk-reducing driving strategies. Significant attention is given to risk awareness, cognitive distraction, driver alertness, occupant protection, positive interactions with other roadway users, various vehicle safety technologies and the physical and psychological conditions that affect driver performance.

Students apply basic driving skills in low-to-moderate traffic environments and progress to demonstration of skill proficiency in more complex traffic situations.

Successful completion of a state-approved driver education program does not, alone, make a teenager a responsible, experienced driver. Traffic safety education involves family, community, industry, government, and personal factors such as motivation, maturity, and perceptive abilities.

Throughout the course, emphasis should be placed on the need for extensive supervised practice with a licensed parent or guardian to develop precision in the use of skills, processes, and responsibilities, and the need for close parental oversight during the first six months of unsupervised driving.

HTD Curriculum meets national content and delivery standards.

#### **RECOMMENDED TEACHING MATERIALS:**

#### **HTD Instructor Lesson Plans**

The instructor's manual for teaching the entire program. Lesson plans, activities, assessments, and more.

### **HTD Instructor Presentation Files**

Cloud-hosted and downloadable PowerPoint files for every lesson including videos and interactive games.

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#### **HTD Student Workbook**

The in-class companion for students containing assessments, fill-in-the-blank exercises, learning activities and more.

#### **HTD Textbook**

A companion book to reinforce the instructor lessons.

### **Secretary of State and Other Agencies Resources**

Found on the Secretary of State Website:

- What Every Driver Must Know (WEDMK)
- The Parent's Supervised Driving Guide
- Michigan's Graduated Driver Licensing: A Guide For Parents
- SOS-428 Applying for An Enhanced License or ID
- Michigan Department of Transportation Resources
- National Highway Traffic Safety Administration Resources
- Other Resources

### **Section 2 – About This Guide**

#### Introduction

The *Driver Education Curriculum Guide* is a written plan that guides the instruction to be given in both the Segment 1 and Segment 2 driver education courses. It includes a curriculum map, performance objectives, content outline, and resources that will assist the instructor.

#### **Contents of the Guide**

- <u>Section 1</u> <u>Introduction</u> presents background on why and how this Guide was developed.
- <u>Section 2</u> <u>About This Guide</u> explains the eight sections and three supplements of the *Driver Education Curriculum Guide*.
- <u>Section 3</u> <u>Curriculum Content Map</u> contains a curriculum content map, broken into two parts, Segment 1 (3A) and Segment 2 (3B). Curriculum maps provide a framework for teaching the curriculum and building lesson plans. They ensure that instructors allocate sufficient time to teach each content area.
- Section 4 Segment 1 Curriculum Content, Objectives, Resources, and BTW Objectives outlines the content of the Segment 1 (4A) classroom portion and the Segment 1 (4B) behind-the-wheel portion of the program in terms of behavioral objectives. The section also identifies resources that should be used in the instruction.
- <u>Section 5</u> <u>Segment 2 Curriculum Content, Objectives and Resources</u> outlines the content of the Segment 2 classroom portion. The section also identifies resources that should be used in the instruction.
- <u>Section 6</u> <u>Testing and Assessment</u> explains how Segment 1 and Segment 2 knowledge tests and the Segment 1 behind-the-wheel assessment are to be conducted.
- <u>Section 7</u> <u>Alternative Curriculum Approval</u> details what must be done to gain MDOS approval for those providers of Segment 1 and Segment 2 courses that do not desire to use the HTD-based curriculum.
- <u>Section 8</u> <u>Segment 1 BTW lesson plan guidelines</u> to help instructors and provider develop lessons to integrate and relate instruction from classroom to BTW experience.
- Appendix A Behind-the-Wheel Recordkeeping form information for instructors

<u>Appendix B</u> - <u>Driving Skills Report Card</u> - is used, by the instructor, to share with parents the skills their student has mastered and/or needs to work on upon completion of the Segment 1 course. This supplement is required to be handed to or mailed to the parent of the student. Providers are required to show they have either mailed or handed this document to the parent (not the student).

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### **Developing Lesson Plans**

This Guide does not substitute for an instructor's lesson plan; it is a guide to the development of lesson plans. The following materials will be needed to develop lesson plans associated with Segment 1 and Segment 2 driver education:

- 1. MDOS's Driver Education Curriculum Guide.
- 2. Latest version of the MDOS's What Every Driver Must Know.
- 3. The How To Drive *Curriculum* including Behind-the-Wheel Lesson Plans and Parent/Mentor Practice Guide.
- 4. MDOS's materials on risk awareness (Fact Sheets).

Materials on risk awareness are available on MDOS's Web site at <a href="https://www.Michigan.gov/sos">www.Michigan.gov/sos</a>.

Section 3A - Segment 1 Curriculum Content Map							
Mo	odule	Topic Name					
1		Introduction To Novice Driver Responsibilities and the GDL	0.5				
	1A	Michigan's GDL Law					
	1B	The Driver's License (The Highway Transportation System)					
	1C	The Facts About Teen Driving					
2		Knowing Your Vehicle	2.0				
	2A	Pre-Driving Checks					
	2B	Ignition and Security					
	2C	Adjusting the Vehicle to Your Preferences					
	2D	Mirror Setting and Use					
	2E	Occupant Protection					
	2F	Speed Inputs					
	2G	Communication and Visibility Features					
	2H	Additional Features					
	2I	The Instrument Panel					
3	1	Vehicle Space Needs, Natural Laws, & Traction	1.0				
	3A	Vehicle Controls and Visual Input					
	3B	Vehicle Operating Space					
	3C	Traction and Road Surfaces					
	3D	Natural Laws and Traction					
	3E	Vehicle Suspension, Weight Transfer, and Traction					
4		Starting, Steering, and Stopping	1.0				
	4A	Starting the Engine					
	4B	Steering the Vehicle					
	4C	Positioning Your Feet					
	4D	Accelerating the Vehicle					
	4E	Braking and Deceleration					
	4F	Backing					
	4G	Stopping and Securing the Vehicle					
5		Signs, Signals, Road Markings, and Communication	1.0				
	5A	Traffic Control Devices					
	5B	Traffic Signs					
	5C	Traffic Signals					
	5D	Roadway Markings and Lane Controls					
	5E	Communication					
6		Traffic Laws and Rules of the Road	3.0				
	6A	Introduction to Traffic Laws					
	6B	The Driver's License					
	6C	Auto Insurance and Other Financial Responsibilities					
	6D	Vehicle Registration					
	6E	Rules of the Road					
	6F	Laws Governing Traffic Control Devices					
	6G	Vehicle Operation Laws					
	6H	Laws Applying to Driving Behaviors					
	6I	Laws Applying to Driver Conditions					
7		Managing Vision and Perception	3.0				
	7A	The Importance of Vision					
	7B	Types of Vision					
	7C	Effective Visual Habits					

8		Time and Space	2.0
	8A	Making Smart Decisions	
	8B	Selecting the Best Path of Travel	
	8C	Managing Space	
	8D	Managing Time	
	8E	Selecting the Best Speed	
	8F	Passing Other Vehicles	
9		Changing Lanes, Turning and Parking	2.0
	9A	Changing Lanes	
	9B	Turning	
	9C	Turnabouts	
	9D	Parking	
10	100	Sharing the Road	1.5
	10A	Introduction	
	10B	Pedestrians	
	10C	Bicyclists	
	10D	Motorcycle, Moped, and Scooter Riders	
	10E	Buses	
	10F	Emergency Vehicles	
	10G	Funeral Processions	
	10H	Large Trucks	
	10I	Equestrians and Animal-Drawn Vehicles	
	10J	Farm Machinery	
	10K	Animals	
	10L	Passenger and Freight Trains	
	10M	Other Road Users	
	10N	Law Enforcement	
11		Intersections and Freeways Driving	0.5
	11A	Intersections	
	11B	Michigan Left	
	11C	Roundabouts	
	11D	Expressways and Freeways	
12		Driving Conditions and Environments	1.0
	12A	Wet Conditions	
	12B	Snow and Icy Conditions	
	12C	Low-Light and Nighttime Conditions	
	12D	Fog and Smog Condition	
	12E	Sun Glare Conditions	
	12F	Wind Conditions	
	12G	Urban/City Environments	
	12H	Rural/Country Environments	
	121	Temporary Work Zones	
13		Emergency Situations	1.0
	13A	Overview of Emergency Situations	
	13B	Reduced Traction	
	13C	Off-Road Situations	
	13D	Evasive Actions	

		Total Hours	24.0	
17		Final Examination	1.0	
16		Instructor Discretion *	2.0	
	151	Road, Communication, and Security Technology		
	15H	Traction-Related Technology		
	15G	Vision/Perception Enhancement Technologies		
	15F	Miscellaneous Driving Aids		
	15E	Automated Driving Tasks		
	15D	Collision Mitigation		
	15C	Collision Alerts		
	15B	Parking Assistance		
	15A	Appropriate Use of Technology		
15		Vehicle Safety Technology and Self-Driving Vehicle	1.0	
	14B	Maintaining Your Vehicle		
	14A	Tire Safety	.50	
14				
	13Q	Stopping to Assist at Crashes		
	13P	Crashes Involving Unattended Vehicles or Property		
	130	Duties at a Crash Scene		
	13N	Minimizing the Consequences of a Crash		
	13M	Vehicle Defects and Recalls		
	13L	Brake Failure		
	13J 13K	Tire Problems  Vehicle Fires and Downed Power Lines		
	131	Light Failure		
	13H	Engine Failure		
	13G	Vehicle Breakdowns		
	13F	Stuck Vehicle		
	13E	Skids		

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		Section 3B – Segment 2 Curriculum Content Map					
	dule	Topic Name					
1		Risk Awareness					
	1A	Developing Risk Awareness (MDOS Fact Sheets)					
	1B	The Facts About Teen Driving					
2		Alcohol and Driving	1.0				
	2A	The Facts about Drinking and Driving					
	2B	How Alcohol Affects the Body and Driving Ability					
	2C	Amount of Alcohol in Typical Beverages					
	2D	Factors that Affect BAC Level					
	2E	Alcohol Elimination					
	2F	Preventing Drinking and Driving					
	2G	Michigan Specific Alcohol Laws					
3		Drug-Impaired Driving and Illness	1.0				
	3A	Introduction					
	3B	Sources of Drugs: Prescriptions, O-T-Counter, and Illegal					
	3C	Drug Categories and Effects					
	3D	Testing for Drug Use					
	3E	Drug Use					
	3F	Alternatives to Drugs and Driving					
	3G	Temporary Illness					
4		Distracted Driving	1.5				
	4A	Introduction					
	4B	Effects of Distractions					
	4C	Types of Distractions					
	4D	Preventing and Managing Distractions					
	4E	Distracted Driving in Other Road Users					
5	1	Drowsy Driving, Sleep & Emotions	0.5				
	5A	Drowsy Driving					
	5B	Emotions and Driving					
6		Anatomical Gift Donation	0.25				
	6A	Right to donate and how to join the state donor registry					
7		Final Examination	0.75				
		Total Hours	6.0				

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MDOS

Sectio	Section 4A – Segment 1 Classroom Content, Objectives, and Resources						
Module Number	1 Module Name INTRO TO NOVICE DRIVER RESPONSIBILITIES AND THE GDL PROCESS						
Topic Number	M	odule Objec	tives	Resources			
1A	Th	chigan's Gr e student is iver Licensin	What Every Driver Must Know (WEDMK)  GDL: A Guide for Parents  State Specific Instructional Materials (It is recommended to use HTD PowerPoint Template)  Applying for a License or ID Card (SOS-428)				
1B	Sy Th	<b>vstem)</b> e student wi	Il recognize the complexity of the Highway System and their role in this system.	HTD 1-3 to 1-12			
1C	Th	e Facts Abo	out Teen Driving  Il corroborate with other students about the	HTD 1-13 to 1-18			
			driver's age and the crash rates.	Optional: HTD 1-38 to 1-46 Chapter Summary TargetZone BamCam			

Module Number	2 Module Name KNOWING YOUR VEHICLE				
Topic Number	Module Objecti	ives	Resources		
2A	Pre-Driving Chec	HTD 2-3 to 2-11			
		fy and list the proper procedure for ehicle and pre-drive sequence for safe travel.			
2B	Ignition and Sec	urity	HTD 2-13 to 2-15		
	The student will exfeatures on vehicle	xplain the functions of the ignition and security es.	2-13 to 2-13		
2C	Adjusting the Ve	chicle to Your Preferences	HTD 2-16 to 2-26		
		escribe the correct seating position and hand bw they relate to proper steering.			
2D	Mirror Setting ar	nd Use	HTD 2-27 to 2-34		
		escribe the proper position for the mirrors to increase visibility and reduce blind spots.			
2E	Occupant Protec	tion	HTD 2-35 to 2-50		
	The student will id and their proper u	entify the importance of occupant protection se.			
2F	Speed Inputs		HTD 2-51 to 2-53		
		entify the proper foot to control the pedals, brake, and appropriate use of cruise control.			
2G	Communication	and Visibility Features	HTD 2-55 to 2-57		
	The student will id	entify the devices to communicate to others.			
2Н	Additional Featu	res	HTD 2-57 & 2-58		
	The student will id the driving task.				
21	The Instrument	Panel	HTD 2-59 to 2-64		
	The student will expanel.	xplain the function of instruments on the			
			Optional: HTD 2-65 to 2-75 Chapter Assessment SnapDrive TargetZone		

Module Number	3 Module Name	VEHICLE SPACE NEEDS, NATURAL LAWS, & TRACTION				
Topic Number	Module Objec	Resources				
3 <b>A</b>	The student wi	Vehicle Controls and Visual Input  The student will describe the proper use of vehicle				
3В	Vehicle Opera The student wi	controls and using your eyes while driving.  Vehicle Operating Space  The student will recognize and explain how to manage the space around the vehicle, including the use of reference				
3C	Traction and The student wi the vehicle and effects of tracti	HTD 3-12 to 3-18 & 3-20 & 3-21				
3D	Natural Laws The student wi affect driving.	HTD 3-23 to 3-29				
3E	Vehicle Suspe The student wi shift while driv	HTD 3-30, 3-32 to 3-35				
	Sinc wille ully	my.	Optional: HTD 3-36 to 3-45 Chapter Summary BamCam SnapDrive			

Module Number	4 Module Name	STARTING, STEERING, AND STOPPING	3		
Topic Number	Module Objec	tives	Resources		
4A	Starting the E	HTD 4-3, 4-5 to 4-6			
	The student will starting the end	I be able to identify the proper steps in gine.			
4B	Steering the \	/ehicle	HTD 4-7 to 4-8,		
		I identify the correct hand placement on neel and proper steering techniques.	4-10 to 4-13, 4-15 to 4-19		
4C	Positioning Ye	our Feet	HTD 4-20 & 4-21		
		l describe proper foot position and twear to drive a vehicle.			
4D	Accelerating t	the Vehicle	HTD 4-22 & 4-23		
	The student will identify the steps in moving the vehicle forward and the levels of acceleration.				
4E	Braking and [	Deceleration	HTD 4-24 to 4-31		
	The student will levels of decele	Il identify the steps in braking and the ration.			
4F	Backing		HTD 4-36 to 4-39		
	The student ide the vehicle.	entifies the correct techniques for backing			
4G	Stopping and	Securing the Vehicle	HTD 4-41 to 4-45		
	The student will stopping and se				
			Optional: HTD 4-49 to 4-58 Chapter Assessment Retrieval Practice SnapDrive		

Module Number	5	Module Name	SIGNS, SIGNALS, ROAD MARI	(INGS,
Topic Number	М	odule Objec	Resources	
5A	Tr	affic Contro	HTD 5-4	
		e student wil vices.	l identify the purpose of traffic control	
5B	Tr	affic Signs		HTD 5-5 to 5-10,
		e student wil traffic signs.	l identify the color, shapes, and meaning	s 5-12 to 5-19, 5-22 & 5-24
5C	Tr	affic Signal	5	HTD 5-25 to 5-28 &
		e student wil ınal lights.	l identify the meaning of traffic control	5-30 to 5-34
5D	Ro	oadway Mar	kings and Lane Controls	HTD 5-35 to 5-43
		e student wil arkings.	l identify the meaning of pavement	3 33 to 3 43
5E	Co	mmunicatio	on	HTD 5-44 to 5-47 &
	roa		l explain methods of communication of including intention, warning, presence, a	5-49
	166	caback.		Optional: HTD 5-50 to 5-55 Chapter Assessment BamCam TargetZone

Module Number	6 Modu Name	_	TRAFFIC LAWS AND RULES OF THE ROAD		
Topic Number	Module	Objec	tives	Resources	
6A	Introduc	ction t	HTD 6-4 to 6-6 & WEDMK		
	The stude	ent wil	l explain the purpose of traffic laws.	0-4 to 0-0 & WEDINK	
6B	The Driv	er's L	icense	HTD 6-7 to 6-9	
			I describe the process of obtaining and river's license.	0 7 10 0 3	
6C	Auto Ins	surano	ce and Other Financial Responsibilities	HTD 6-10 & 6-11	
	The stude of valid a		I recognize the legality of possessing proof surance.	0 10 0 0 11	
6D	Vehicle	Regist	tration	HTD 6-13	
	The stude of valid re		I recognize the legality of possessing proof tion.	0 13	
6E	Rules of	the R	oad	HTD 6-15 to 6-21 &	
			l be able to identify right-of-way laws in situations.	6-24 to 6-33	
6F	Laws Go	verni	ng Traffic Control Devices	HTD 6-34 to 6-37	
			l explain the appropriate response to ontrol devices.	0-34 to 0-37	
6G	Vehicle	Opera	tion Laws	HTD 6-38 to 6-45	
	The stude driving.	ent wil	l identify special laws that support safe	0 30 to 0 43	
6Н	Laws Ap	plying	g to Driving Behaviors	HTD 6-47 to 6-49	
			l be able to describe the laws regarding istracted driving.	6-47 to 6-49, 6-51 & 6-54	
61	Laws Ap	plying	g to Driver Conditions	HTD 6-55 – 6-58 & WEDMK	
			l be able to describe the law regarding itigued driving.	Optional: HTD 6-63 to 6-72 Chapter Assessment Retrieval Practice SnapDrive	

Module Number	7	Module Name	MANAGING VISION AND PERCEPTION			
Topic Number	М	odule Objec	tives	Resources		
7A	Th	ne Importan e student wil is critical in r	HTD 7-3 to 7-5			
7B	Th	pes of Vision e student will sion and how	HTD 7-5 to 7-8			
<b>7</b> C	Th	<b>fective Visu</b> e student wil duce their ris	HTD 7-13 & 7-14, 7-16 to 7-32 & 7-34 Optional: HTD 7-36 to 7-42 Chapter Assessment TargetZone BamCam			

Module Number	8	Module Name		
Topic Number	М	odule Objec	Resources	
8A	Th	aking Smart e student wil iving.	HTD 8-3 & 8-4	
8B	Th	electing the e student will ad conditions her road user	HTD 8-5 to 8-8	
8C	Th	anaging Spa e student wil d maintainin	HTD 8-9 to 8-11, 8-13 to 8-17, 8-19 & 8-20	
8D	Th	anaging Time e student wil nich promotes	HTD 8-21 to 8-28	
8E	Th	electing the e student wil lect a safe sp	HTD 8-29 to 8-32 HTD	
8F	Passing Other Vehicles  The student will identify the rules and procedure passing, being passed, and passing on the right		l identify the rules and procedures for	8-33 to 8-35, 8-37 & 8-38
				Optional: HTD 8-40 to 8-51 Chapter Assessment Retrieval Practice SnapDrive

Module Number	9	Module Name	KING	
Topic Number	Мс	odule Objec	Resources	
9 <b>A</b>		anging Lan	HTD 9-3 to 9-8	
9В	lan <b>Tu</b>	rning e student wi	HTD 9-10 to 9-22	
9C	tur	ns including	HTD 9-23 to 9-30,	
		e student wil ection via tu      Drivewa      Drivewa      Three-p      U-turns	9-32 & 9-33	
9D		Parking  The student will describe the procedures for:  • curbside parking  • angle parking  • perpendicular parking  • parallel parking  • hill parking		HTD 9-34 to 9-42, 9-45 to 9-47 9-49 to 9-57  Optional: HTD 9-59 to 9-66 Chapter Assessment TargetZone BamCam

Module Number	10	Module Name	SHARING THE ROAD	
Topic Number	Mod	lule Objec	tives	Resources
10A	Intr	oduction		HTD 10-1 to 10-2
		lent will de other user	scribe the importance of sharing the road s.	
10B	Ped	estrians		HTD 10-4 to 10-5
			I describe behaviors of pedestrians and how ad with them.	
10C	Bicy	clists		HTD 10-5 to 10-10
			I describe behaviors of bicyclists and how to with them.	
10D	Mot	orcycle, M	oped, and Scooter Riders	HTD 10-11 to 10-14
		eds, and so	I describe behaviors of motorcycles, cooters and how to share the road with	10 11 10 10 11
10E	Bus	es		HTD 10-14 to 10-16
		sit buses, a	I explain the characteristics of school buses, and light rail and how to share the road with	10 11 to 10 10
10F	Eme	ergency Ve	ehicles	HTD 10-18 to 10-27
			I describe characteristics of emergency w to share the road with them.	10 10 10 10 17
10G	Fun	eral Proce	essions	HTD 10-28 to 10-31
			l describe characteristics of funeral d how to share the road with them.	WEDMK
10H	Larg	ge Trucks		HTD 10-31 & 10-32
		student wil to share th	10 01 0 10 02	
101	Equ	estrians a	nd Animal-Drawn Vehicles	HTD 10-33 to 10-35,
			describe characteristics of equestrians and hicles and how to share the road with them.	10-39 to 10-40

Module Number	10	Module Name	SHARING THE ROAD	
Topic Number	Mod	lule Objec	Resources	
103	The	m Machine student wil how to sha	HTD 10-39 & 10-40	
10K	The	<b>mals</b> student wil techniques	HTD 10-41 & 10-42	
10L	The	senger an student wil gate railroa	HTD 10-42 & 10-43	
10M	The vehi	er Road Unstudent will cles, touris	HTD 10-45 to 10-50	
10N	The	student wil xpect durin	HTD 10-50 & 10-51	
				<b>Optional:</b> HTD 10-54 to 11-64, 10-68 to 10-77

Module Number	11	Module Name	INTERSECTIONS AND FREEWAYS DRIV	ING
Topic Number	Mod	lule Objec	Resources	
11A	The inclu	ersections student will uding searc ugh, and e	HTD 11-3 to 11-14 & 11-17	
11B	The	<b>higan Left</b> student wil gate an int	MDOT "Using a Michigan Left Brochure"	
11C	The navi	ndabouts student wil gate round ing within,	HTD 11-19 to 11-23 11-27 to 11-33	
11D	The	ressways student wil ressways, t er, drive on	HTD 11-34 & 11-35 11-37 to 11-46	
				Optional: HTD 11-48 to 11-55 Chap. Assessment Exercise

Module Number	12 Module Name	DRIVING CONDITIONS AND ENVIRONM	IENTS					
Topic Number	Module Obje	ectives	Resources					
12A	Wet Condition	ons	HTD 16-1 & 16-2					
		vill describe conditions of wet roadways and vehicle control.	10 1 & 10 2					
12B	Snow and Id	Snow and Icy Conditions						
		The student will describe conditions of snow- or ice-covered roadways and how it affects vehicle control.						
12C	Low-Light a	nd Nighttime Conditions	HTD 16-11 - 16-13					
	The student w light condition	vill describe how to adjust driving under low- ns.						
12D	Fog and Smo	og Condition	HTD 16-11 to 16-13					
	The student v	vill describe how to adjust driving under fog ditions.						
12E	Sun Glare Co	onditions	HTD 16-13 to 16-17					
	The student v	vill describe how to adjust driving under sunns.						
12F	Wind Condit	ions	HTD 16-17 to 16-23					
	The student v it affects vehi	vill describe windy driving conditions and how cle control.						
12G	Urban/City	Environments	HTD 16-24					
		vill describe the characteristics, risk reducing oblems, and special situations of urban						
12H	Rural/Count	ry Environments	HTD 16-25 to 16-27					
	The student v strategies, proadways.	10 20 10 17						
12I	Temporary \	HTD 16-29 to 16-31						
		vill describe the characteristics, risk reducing oblems, and special situations of temporary	<b>Optional:</b> HTD 16-38 to 16-43					

Module Number	13	Module Name	EMERGENCY SITUAT	IONS	
Topic Number	Mod	lule Objec	ives		Resources
13A	Ove	erview of E	mergency Situations		HTD 17-3 & 17-4
		student will actions to	nergency situations	17 3 (17 4	
13B	Red	uced Trac		HTD 17-6 & 17-7	
		iced tractio	identify road condition and strategies to main		
13C	Off-	Road Situ	ntions		HTD 17-8 to 17-9
	leav		identify conditions tha lway and the procedure		17 0 to 17 3
13D	Eva	sive Actio	s		HTD 17-10 to 17-13
			identify how to steer, oid a conflict or hazard		27 20 30 27 20
13E	Skid	ds			HTD 17-14 to 17-16
			describe traction loss a in which you lose tracti	_	
13F	Stud	ck Vehicle			HTD 17-18 to 17-24
		student will ways to re	identify potential cause over.	es of getting stuck	
13G	Veh	icle Break	downs		HTD 17-25 & 17-26
			recognize the commor down occurs.	causes and what	
13H	Eng	ine Failur		HTD 17-27 & 17-28	
		student wi itended acc	he engine fails or riving.	1, 2, 41, 20	
131	Ligh	nt Failure		HTD 17-29 & 17-30	
	The drivi		identify what to do if t	he lights fail while	

Module Number	13	Module Name	EMERGENCY SITUATIONS	
Topic Number	Mod	lule Objec	Resources	
13J		Problems		HTD 17-30 & 17-31
	drivi		l identify what to do if the tires fail while	
13K	Veh	icle Fires a	HTD 17-33 & 17-34	
			l identify what to do when encountering a downed power line(s).	
13L	Bral	ke Failure		HTD 17-35 & 17-36
	The drivi		l identify what to do if the brakes fail while	
13M	Veh	icle Defec	ts and Recalls	HTD 17-37 to 17-39
	The	student wil	l explain a vehicle safety recall.	
13N		_	e Consequences of a Crash	HTD 17-40 to 17-42
		student wil sequences o	l identify how to minimize the f a crash.	
130	Duti	ies at a Cr	ash Scene	HTD 17-42 to 17-45
		student wil itnessing a	l identify what to do after being involved in crash.	
13P	Cras	shes Invol	ving Unattended Vehicles or Property	HTD 17-46
	or w		l identify what to do after being involved in crash with unattended vehicles or	
13Q	Stop	pping to A	ssist at Crashes	HTD 17-47
		student wil st at a cras		
				Optional: HTD 17-59 to 17-66 Chapter Assessment Target Zone BamCam

Module Number	14	Module Name	FUEL-EFFICIENT DRIVING AND TIRE SAFETY					
Topic Number	Mod	lule Objec	Resources					
14A	The	Safety student will cle efficient	HTD 18-6 to 18-8, 18-10 to 18-16					
14B	The	ntaining Y student wil larly to ass	HTD 18-17 to 18-20					
				Optional: HTD 18-26 to 18-36 Chapter Assessment Retrieval Practice SnapDrive				

Number	15	Module Name	VEHIC	LE SAFETY TEC	CHNOLOGY AND SE	LF-DRIVING VEH.
Topic Number	Mod	ule Objec	Resources			
15A	Арр	ropriate U	HTD 19-4 to 19-12			
		student wil appropriate				
15B		king Assis	HTD 19-12 to 19-14			
15C		student wii ision Alert		e parking assisi	tance technology.	HTD
130				e collision alert	technology.	19-15 to 19-20
15D	Coll	ision Mitig	gation			HTD 19-21 to 19-25
	The	student wil	ll describ	e collision mitig	ation technology.	19-21 (0 19-23
15E	Auto	omated Dr	riving Ta	asks		HTD 19-25 to 19-27
		student wil nology.	ll describ	e automated dr	iving task	
15F	Misc	cellaneous	s Driving	g Aids		HTD 19-28 to 19-32
	tech	nologies, ir	ncluding a	e automated dr adaptive headli nonitoring syste	ghts, navigation,	
15G	Visi	on/Percep	ption En	hancement Te	echnologies	HTD 19-33 to 19-35
		student wil ancement t	19 33 to 19 33			
15H	Trac	ction-Rela	HTD 19-35 to 19-37			
	The	student wil	15 55 (0 15-57			
<b>15</b> I	Roa	d, Commu	HTD 19-38 to 19-42			
		student wil rity techno		e road, commu	nication, and	17-30 to 15-42

Module Number	16	Module Name	FINAL TEST	
Topic Number	Мос	lule Objec	Resources	
16A	Fina	al Examina	ation	MDOS Testing System

	Section 4B - Segment 1 Behind-the-Wheel Objectives						
Module Number	1	1 Module Name Skills for Residential Driving					
Objective Number	Objec	tives		Resources			
1.1	a) Preb) Pre	e-entry & safe e-drive and stablish front by ving the vehiceration of steeration of vehicering wheel, nicle familiaring wenient, & coproach intersection of the safe the stablish rear butting the eng	ety checks cart procedures cumper reference point cicle forward eering wheel: push pull & hand over hand nicle controls: gear shift, accelerator, brake, parking brake zation – identify communication, comfort, safety, ontrol devices ections umper reference point ine cle backward	Parent's Supervised Driving Guide			

Module Number	2	Module Name	Skills for Rural Driving	
Objective Number	Objectives			Resources
2.1	Light Traffic Manuevers  The student will demonstrate:  a) Establish reference points for lane positions 1 (center), 2 (left), 3 (right)  b) Concentrate on path of travel on straight, curving, & hilly rural roads c) Enter a roadway from the curb or side of the road. d) Establish reference points for turning going forward to the right and left. e) Complete left & right turns at intersections f) Apply proper stop position in residential and rural area intersections. g) Complete left and right lane changes – light traffic h) Determine minimum time & space gaps for maneuvers on 2 lane and 4 lane roads at speeds up to 45 mph – light traffic. i) Demonstrate how to enter, exit, & cross traffic at controlled and uncontrolled intersections			Parent's Supervised Driving Guide
	j) Park at a curb and park on a grade (uphill and downhill) k) Backing in a straight line			

Module Number	3	Module Name	Skills for Suburban Driving				
Objective Number	Objec	Objectives					
3.1	Dens The scontr  a) Ap b) De lane a c) Co subun d) Co e) De contr f) Est g) Us to rec h) Pe enter i) Bac j) Use k) Co l) Off	tudent will dool, and gap a proach & ture termine minerand 4 lane roncentrate or ban/urban samplete left & monstrate holled interse ablish refere e space manduce conflicts rpendicular labacking in, taking to the lamplete U-ture Road recover	lemonstrate the correct visual, steering, speed assessment techniques for each of the following:  In at multiple lane intersections alimum time & space gaps for maneuvers on 2 bads at speeds up to 45 mph – dense traffic. In path of travel on straight, curving, & hilly streets are represented in the complex of the comple	Parent's Supervised Driving Guide			

Module Number	4	Module Name	Skills for Special Maneuvers		
Objective Number	Obje	Objectives			
4.1	Com The s a) Ap b) Ap c) Co d) Co e) An Po f) Pas lan g) Ap	plex Traffic student will deproach and implete 3-Po implete driveringle Park – legint) ssing, lane pre road	Maneuvers  lemonstrate: maneuver through roundabouts maneuver through Michigan Left int turnabout on the street with a curb way turnabouts: left driving in and right backing in eft and right (establish front corner Reference osition, following, and being followed on a two- path of travel and right of way when interacting	Parent's Supervised Driving Guide	
	h) Tu i) Res j) Ap k) Re l) Ass	h) Turning onto and from a one-way street – left and right i) Respond to traffic control devices j) Approaching and crossing rail grade crossings, RRX k) Respond to motorized and non-motorized users l) Assess and respond to visual, potential, and definite hazards m) Managing distractions inside & outside the vehicle			

Module Number	5	Module Name	Skills for Freeway/Expressway Driving				
Objective Number	Obje	Objectives					
5.1	The s	Moderate/Heavy Traffic Maneuvers  The student will demonstrate risk management through communication, speed, and position adjustments in complex traffic situations on country highways, limited access highways, and city					
	stree  a) As b) Co c) Pa d) Be e) Pa tui f) Tui cro g) Me ex h) Id mi	ts including: sessing freed semplete lane ssing on a tweeting passed of ssing on the rning left) rning onto ar ossover. erging onto, of pressway	way/expressway conditions changes at high speeds vo-lane road – assessing time and gap needs on a two-lane road right and being passed on the right (when and from a multi-lane divided highway -use median driving on, and exiting from a freeway/ freeway/expressway signage (route markers &	Driving Guide			

Module Number	6			
Objective Number	Obje	ctives	Resources	
6.1	Final	l Assessme	nt	MDOS
	The s	student will c	lemonstrate:	Website: BTW Record
	b) C	omplete Stu	any skills, maneuvers that have been taught. dent BTW Record Keeping Form. ng Skills Report Card	Keeping Form & Driving Skill Report Card

Sec	Section 5 – Segment 2 Classroom Content, Objectives, and Resources					
Module Number	1	Module Name				
Topic Number	Mod	lule Objec	tives	Resources		
1A	The	student wi	isk Awareness  Il identify the risks and methods to reduce risk factors.	MDOS Risk Awareness Materials		
1B	The	Facts Abo	out Teen Driving	HTD 1-13 to 1-18		
	own	ing their o	Il understand risk and how it relates to wn vehicle, their destination driving, and he week they choose to drive.	WEDMK		

Module Number	2 Module ALCOHOL AND DRIVING			
Topic Number	Module Objectives	Resources		
2A	The Facts About Drinking and Driving	HTD 12-3 to 12-6		
	The student will describe the dangers of alcohol.			
2В	How Alcohol Affects the Body and Driving Ability	HTD 12-7 to 12-11		
	The student will identify the effects of alcohol on the body on the body functions, vision, and behavior.	12-13 to 12-19		
2C	Amount of Alcohol in Typical Beverages	HTD 12-20 to 12-23		
	The student will be able to compare different types of alcohol drinks and the standard sizes served.			
2D	Factors that Affect BAC Level	HTD 12-25 to 12-27		
	The student will recognize the different Blood Alcohol Levels affecting six main factors.			
2E	Alcohol Elimination	HTD 12-27 to 12-31		
	The student will identify the three primary methods by which the body eliminates alcohol.			
2F	Preventing Drinking and Driving	HTD 12-31 & 12-32 12-36 & 12-37		
	The student will be able to identify their options before being pressured to ride with a driver that has been drinking.	12 33 & 12 37		
2G	Michigan Specific Alcohol Laws	MDOS Risk Awareness Materials		
	Student will identify Michigan specific alcohol laws, consequences, and the dangers of drinking and driving.	WEDMK		
		Optional Resources:		
		Chapter Assessment Retrieval Practice SnapDrive		

Module Number	3 Module Name DRUG-IMPAIRED DRIVING AND ILLNES	ss			
Topic Number	Module Objectives	Resources			
ЗА	Introduction The student will define classification of drugs.	HTD 13-4 to 13-5			
3В	Sources of Drugs: Prescriptions, Over-the-Counter, and Illegal The student will identify potential effects and dangers of using illegal and over-the-counter drugs.	HTD 13-5 & 13-6			
3С	<b>Drug Categories and Effects</b> The student will identify the effects of a drug/combining drugs (e.g., marijuana, narcotics) on the body; and understand their short-term and long-term effects.	HTD 13-8 to 13-12, 13-14 & 13-15, 13-17 to 13-23, 13-25 to 13-28 and 13-31 & 13-32			
3D	Testing for Drug Use The student will identify methods used for drug testing.	HTD 13-33 & 13-34			
3E	<b>Drug Use</b> The student will describe the dangers of taking illegal drugs and drug combinations.	HTD 13-34 & 13-35			
3F	Alternatives to Drugs and Driving The student will describe safe options to impaired driver.	HTD 13-36 & 13-38			
3 <b>G</b>	<b>Temporary Illness</b> The student will explain the side-effects of medicine used for common illness.	HTD 13-39			
		Optional Resource:			
		Chapter Assessment TargetZone HTD 13-47 BamCam HTD 13-50			

Module Number	4	Module Name	DISTRACTED DRIVING			
Topic Number	Mod	lule Objec	tives	Resources		
4A	Inti	oduction		HTD 14-4 to 14-6		
		student wi different ty	II define distracted driving and recognize pes.			
4B	Effe	ects of Dis	tractions	HTD 14-7 & 14-8		
			Il describe how the process of Perceive, t can be affected by distractions.			
4C	Тур	es of Disti	ractions	HTD 14-9 to 14-22, 14-25 & 14-26 and		
			Il identify and explain the three types of ad how each can affect the driving task.	14-29 to 14-32		
4D	Pre	venting ar	nd Managing Distractions	HTD 14-32 to 14-36		
			ll explain how to maintain attention, address distractions while driving.			
4E	Dist	tracted Dr	iving in Other Road Users	HTD 14-38 & 14-39		
			II describe how to recognize and manage other drivers.			
				Optional Resource:		
				Chapter Assessment SnapDrive		

Module Number	5	Module Name	DROWSY DRIVING, SLEEP & EMOTION	IS			
Topic Number	Mod	lule Objec	tives	Resources			
5A	The		ng II identify who is at risk, the causes, risks, and prevention of drowsy driving.	HTD 15-3 to 15-16, 15-18 & 15-19 and 15-21 & 15-22			
5B	Emo	otions and	Driving	HTD 15-23 to 15-28			
	rage	e, guideline	Il describe aggressive driving and road s for controlling emotions, and responding lrivers and avoiding conflict.				
				Optional Resources:			
				Chapter Assessment BAMCAM TargetZone			

Module Letter	6	Module Name	Anatomical Gift Donation			
Topic Number	Mod	lule Objec	tives	Resources		
6A	The anat		Il recognize his or her right to make an and how to join the state organ, tissue,	Gift of Life Michigan materials, video		

Module Letter	7	Module Name	Final Examination				
Topic Number	Mod	lule Objec	tives	Resources			
7A	Fina	inal Examination		MDOS Testing System			

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#### **Section 6 – Testing and Assessment**

#### Background

Michigan is the only United States jurisdiction that requires two segments of driver education. Segment 1 is required before a young driver can obtain a Level 1 Graduated Driver License (GDL). Segment 2 is required before a young driver can obtain a Level 2 GDL. Public Act 384 of 2006 mandates a final test must be successfully completed by the young driver for both Segment 1 and Segment 2 driver education classes. The act requires that MDOS develop these final tests for both Segment 1 and Segment 2 driver education classes.

MDOS has developed and field-tested approximately 400 questions to be used as a pool of questions for the Segment 1 and Segment 2 final tests. To ensure the integrity of the testing system, the MDOS, in conjunction with Solutions Thru Software, utilizes a Web-based testing system with the capability of generating a unique 80-question test, out of a pool of approximately 320 questions, for each Segment 1 student and a unique 20-question test, out of a pool of approximately 80 questions, for each Segment 2 student.

#### **Segment 1 and Segment 2 Knowledge Testing Requirements**

Each Segment 1 and Segment 2 course a provider offers must include a minimum of two knowledge tests generated through Internet-based software. The software can create unique tests as often as desired. However, providers should use the same tests for no more than twelve months. After twelve months, new tests should be generated, and the old tests shredded. Please retain one copy of each test for your records, and properly discard the rest.

Each person having access to the software must have a unique user ID and password provided to them by MDOS. User ID's and passwords must not be shared by others.

Each instructor teaching Segment 1 or Segment 2 driver education and requesting a test will have at least two unique tests generated for their use (notwithstanding the number of students in the class). It will be up to each provider to copy the tests and score sheets for each student. Each of the tests should be administered to an equal number of students. The students sitting next to each other will receive one of the unique tests, but not the same test as the student who is sitting next to them.

The test must be administrated in an approved "traditional" classroom where the students are separated at appropriate space under the direct supervision of a certified instructor. The only exception is if an authorized alternative method of testing has been approved by the Department (i.e., a one-time login into a secure device allowing a single student to access the state test under the direct supervision of a certified instructor).

#### Each test generated will:

- a. Contain questions according to an algorithm based on the number of knowledge elements and sub-elements in each pool of questions.
- b. Contain 20 percent of the total test questions that are unique to the previous test generated.
- c. If a question appears on a new test that was contained on the previous test generated, such question must be in a different position and the location of the correct answer must be in a different location.
- d. Be within a specified range of difficulty.

Additional output for each test generated will include:

- a. A student answer sheet.
- b. A score sheet for the instructor to grade each test.

A unique, 10-digit code number will be included on each test, answer sheet and score sheet for auditing purposes. The date and time of printing will appear on page one of each test. Reporting of the unique code numbers will be required upon the submission of course completion reports. Additional reporting information can be found in the MDOS Driver Education Provider Manual.

#### Passing Scores and Retakes of Segment 1 and Segment 2 Knowledge Tests

Each student must achieve a passing score of at least 70 percent on the knowledge test for each segment of driver education. Each student who does not receive a minimum score of 70 percent or higher may retake the test up to two times. For the second attempt, the student will use a different version of the original test. If a third attempt is necessary, the student may take the original test; or a third, different version of the original test.

#### **Segment 1 Behind-the-Wheel In-traffic Assessment**

A behind-the-wheel, in-traffic assessment of each student should be conducted at the end of Segment 1 to determine if the student has met the behind-the-wheel objectives of this guide and is ready to receive a certificate of completion and subsequently a Level 1 License.

This assessment should be conducted on a pre-determined route (drive #6). It should include controlled, low, moderate, and complex risk levels. Each student in the class should be assessed over the same route.

This assessment is subjective and based on an instructor's professional opinion. It is acceptable for a provider to use its own behind-the-wheel evaluation instrument (e.g., Supplement B). However, a Driving Skills Report Card is required to be filled out on each segment 1 student and given directly to the parents of the student. The Report Card is designed to help the parent during the 50 hours of logged driving time with the student. The report card can be found in Supplement C of this guide.

#### **Issuance of Segment 1 Certificate of Completion**

Only after the student has successfully completed 24 hours of classroom, 6 hours of behind-the-wheel, 4 hours of observation, passed the Segment 1 knowledge test and has demonstrated adequate skills for the Segment 1 behind-the-wheel assessment should a provider issue a Segment 1 certificate of completion.

#### Section 7 - Alternative Curriculum Approval

#### Section 35 of PA 384 of 2006

Section 35 of PA 384 of 2006 requires the secretary of state to prescribe a model curriculum for teen driver training under this act. After September 1, 2007, a driver education provider classified for teen driver training shall use the secretary of state's prescribed model curriculum or may use an alternative curriculum only after it has been reviewed and approved by the secretary of state. The secretary of state may approve an alternative curriculum if it substantially meets or exceeds the standards of the secretary of state's prescribed model curriculum.

#### Secretary of State Model Curriculum Guide for Driver Education

The Secretary of State Model Curriculum Guide for Driver Education uses selected sections from the AAA How to Drive 15th Edition (HTD) curriculum and Michigan specific documents. The curriculum includes the Driver Education Instructor Guide Binder, the How to Drive Textbook, the How to Drive Workbook, the How to Drive PowerPoint sides, and Michigan publications including but not limited to What Every Driver Must Know, located on the Department's website.

#### Alternative Curriculum Application Process for Segment 1 and Segment 2

Driver Education Providers interested in using an alternative curriculum are required to:

- 1. Contact Driver Education for an Alternative Curriculum Content Map Proposal
- 2. Fill out Alternative Curriculum Content Map Proposal
- 3. Provide the following with your Alternative Curriculum Content Map Proposal
  - a. Course Outline

MDOS

- i. Segment 1 Classroom contact days 1 -12 (with BTW and observation skills included to support Drives 1 through 6)
- ii. Segment 2 Classroom contact days 1 -3
- b. Lesson plans for each day of instruction (with BTW and observation skills integrated into each lesson)
  - i. Segment 1 Classroom contact days 1 -12 (with BTW and observation skills included to support Drives 1 through 6)
  - ii. Segment 2 Classroom contact days 1 -3
- 4. Submit all resources (e.g., Textbook, slides, workbook, etc.) to support the complete Alternative Curriculum Proposal.
- 5. Submit the Alternative Curriculum Proposal and all resources to the Driver Education and Testing Section. The proposal must substantially meet or exceed the standards of Michigan's prescribed curriculum.

12/2021

Please contact the Driver Education Section at (517) 241-6850 for further information.

#### **Submission of Documents**

Documents should be submitted to: Michigan Department of State

Driver Education and Testing Section

430 W. Allegan St. Lansing, MI 48918

(If using a commercial delivery service (FedEx, UPS

etc.) use zip code 48933)

#### Section 8 - Segment 1 Behind-the-Wheel Route Plan Guidelines

#### Introduction

Instructors should develop written route plans for behind-the-wheel instruction and in-car lessons that reflect local driving environments. It is also important to have procedures, techniques, and route selections clearly written. The Provider MUST have copies of the route plans on file, and all instructors should teach using them.

Behind-the-wheel routes should complement classroom lesson plans. An integrated and related plan of instruction will give students the opportunity to put into practice lessons that were recently taught in the classroom. Long delays between classroom instruction and behind-the-wheel instruction should be avoided.

Driver education programs offering six hours of behind-the-wheel instruction should have 12 one-half hour lessons and/or six one-hour lessons.

#### **Developing Route Plans**

The following information will assist in developing route plans for behind-the-wheel instruction and in-car observation.

- Route plans must be able to support the lesson objectives.
- Select a drive route appropriate to the individual lesson objectives and studentdriver's ability.
- The route should reflect local driving environments and rules of the road. The success of the behind-the-wheel lessons will depend upon the completeness and accuracy of the route plans.
- Be prepared with an alternate route in case of detours or other traffic problems.

#### **Commentary Driving**

Commentary Driving (CD) is a unique behind-the-wheel teaching technique used to reinforce both perception skills and psychomotor skills. CD can be used by the instructor to teach and coach. It can be used by the student driver and the student observer to read the traffic scene aloud and state their plans. CD is NOT just dialog or oral questions and answers between the instructor and students. It is a technique where the student IDENTIFIES and VERBALIZES the event up ahead that will cause a change in their speed and/or their position or direction. The student would verbalize the event or condition then follow with their response to that event. The verbal comments would relate to; WHAT is it, WHERE is it, and WHAT is it DOING. Example: The light up ahead is red, I will slow and prepare to stop. There is a curve to the right up ahead I will slow down and move to lane position 2.

Commentary Driving helps to create interaction, aids in retention by having the student verbalize their plans, it helps to familiarize the student with what they are expected to do. Also, it helps the instructor become aware of what the student is thinking and how they plan to respond. The student will read the traffic scene aloud in advance of the action. The instructor should demonstrate the technique on a pre-determined section of a BTW route (usually after drive #2) and state the event and response in short statements. CD is also a very effective observer activity.

#### General Guidelines for Developing Behind-the-Wheel Route Plans

Route plans should be developed in a manner that is easily understood by the instructor reviewing the document. All six routes should be written, and followed to integrate/correlate with classroom lessons. These plans provide for consistent instruction and performance assessment. Behind-the-wheel lesson plans should consist of the following information:

- **Title**—The title should link the classroom and the behind-the-wheel activities so any person would be able to look at the lesson and understand the information used to introduce the behind-the-wheel objectives and procedures - this will also help to insure consistent terminology and descriptive phrases.
- **Development Date**—The route plan should have a lesson plan development date to indicate revisions. This would document procedures and technique refinements and help with future changes and modifications.
- Special Notations—Make a list of any special vehicle requirements, route challenges, cones, tape measure, or other assessment tools needed for each lesson/route.
- **Student Objectives/Activities**—This should identify all the directions, maneuvers, and procedures required of the student to perform the lesson. The directives should be in enough detail to allow any parent, instructor, or driver education provider to take a novice driver through the lesson.
- **Observer Activities**—Plan should be attached to each route.
- **Instructor Comments**-This area is for the instructor to list procedures, diagrams, specialized techniques, and temporary adjustments to the route. This information should be written in a manner that is easily understood by the instructor.
- **Instructional Strategies**—This area should list the strategies used to facilitate student learning and involve the observer in the lesson.
- **Discussion Questions**—These questions and answers may be used to initiate problem-solving discussions with the observer and the driver.
- **Evaluation Procedures**—This should explain how the oral and written assessments are accomplished based on local program protocols. Assessment information should be written in such a manner that is easily understood by parents.
- Route Map—This is especially helpful for new instructional staff and allows a driver education provider the ability to locate an instructional vehicle in emergencies.

#### **Behind-the-Wheel Instruction Tips**

- At the beginning of each session, make sure the student driver and observer understand the objectives of the lesson. Do a quick review of the preceding session(s).
- Be calm and patient, but alert always. Do not become distracted from the instructional task. The instructor must always maintain the highest level of care and professionalism to insure the safe operation of the vehicle.
- Headlights should be always used.
- Mirrors should be adjusted for the student's use, not the instructor's use.
- Sit so the instructor's left hand can be quickly placed on the steering wheel if necessary.
- Never leave students unsupervised in a vehicle with the motor running or with the vehicle keys.
- As with any instructional setting, food and beverages should not be consumed in the vehicle.

- All cell phones should be turned off (and not just set to vibrate) during driving lessons. It is also recommended that the instructor collect cell phones from the driver and passengers at the beginning of the lesson and return them at the end of the lesson. In addition, the instructor should never use a cell phone during a driving lesson.
- Read the traffic environment ahead, to the sides, and behind while observing the student driver's behavior and ask the student to verbalize the need to change direction or speed. (Commentary Driving)
- When giving directions, first provide students with the location and then state the action to take ("At the second intersection, turn left.").
- Give directions at least four seconds before the maneuver begins, and always check mirrors before giving directions. (The novice driver will take more time to process information than an experienced driver.)
- Avoid the use of terms with possible double meanings. (Instead of saying "Right" to indicate a correct response to a question, say "That's correct".) It may be helpful to point in the direction you want the student to go.
- Demonstrate what and how to do something to save time. (Demonstrations may be as simple as assisting with steering, using the instructor brake, using a drawing or magnetic board, or as elaborate as changing seat positions and demonstrating the appropriate actions.)
- For each new maneuver, verbally instruct/guide the novice driver through two or three practice trials using classroom terms. Then allow the student to practice the skill without verbal instruction or guidance. [The instructor will intervene to verbally instruct/guide the student if they are not successful on these attempts. The student will continue to practice the skill, with the guidance of the instructor. Then, the student will be allowed to practice the skill again without verbal instruction or guidance. This process will be repeated until the student is successful.]
- If a mistake is made, have the student repeat the maneuver and verbally instruct/guide them, step by step, through the process.
- For complex skills, give short cues as needed.
- If a lengthy discussion or explanation is needed, move to a safe place to stop, and park the vehicle. Use a legal parking area or parking lot. Do not park or stand on the roadway shoulder or impede traffic flow.
- Never allow a novice driver to drive "blindly" into a dangerous situation. Take control or give specific directions prior to entering the high-risk driving area. Student safety is the instructor's foremost concern.
- Involve the student driver in the evaluation of their performance.
- If using the Parent Practice Permit, after Drive #2, provide a driving performance report for the parent so all can work toward improved driving skills.
- Instructors should have routes memorized before doing the lesson with students.
- Complete a student behind-the-wheel record keeping form immediately after each drive. It is very important to maintain accurate records for each student. The student and/or instructor must never pre-sign/initial a behind-the-wheel record keeping form.

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#### **APPENDIX A**

Below is **page 1** of the sample document - **BTW Recordkeeping Form**.

The full version is available on the Driver Education website: <a href="www.Michigan.gov/DriverEd">www.Michigan.gov/DriverEd</a>. Select the "Provider" tab on the left-hand side of the screen, and then the "Currently Certified Provider" hyperlink below the image of the student driving. The form is located under the expandable "Teen Classification" toggle, along with other forms available for use.

	E	BEHIND TH	E WHEE	ING FORM	Form Revised 12-21					
Studen	t Name:			Address:	Parent Phone #:					
								_	_	_
Date	Start	End		Hour			—		_	
Date	Time	Time	вти		Provider Name:					
					Program #:				4	
Drive	Developing Basic Driver Actions					the boxes below:				
1	Develo	ping ba	SIC DE	iver Action	S = Satisfactory at this t	ime	T			Г
					NI = Need to Improve					
Ski	lls for I	Reside	entia	I Driving	U = Unsatisfactory		s	N	U	x
					x = Did not perform skill	during the drive		I		
a	Pre-entry						$\top$	Г	П	Г
Ь		Pre-drive and start procedures								
С				rence point			Т	Г		
d	Moving the						$\top$	Г		Г
e					and over hand		$\top$	Г	$\Box$	Г
f	Operation	Operation of vehicle controls: gear shift, accelerator, brake, steering wheel,							П	Г
	parking br		-				$\perp$	$oxed{oxed}$	$oxed{oxed}$	L
g		Vehicle familiarization – identify communication, comfort, safety, convenient, and								
		control devices Approach intersections								<u> </u>
h	1						╨	_	<u> </u>	L
i		a a	er refer	ence point			╨	$oxed{oxed}$	<u> </u>	L
j	Starting t		_				╀	_	<u> </u>	L
k	Moving the						丄			L
	Securing v		cedures	<u> </u>			$\perp$			L
Additi	onal Inforn	nation:								
		$\longrightarrow$	_							
									_	
Date	Obs	ervation		Weather	Student being	Start	$\top$	Er	nd	_
	Envi	ronment			Observed					
							+		_	
							$\perp$			
							+			
	+		-+				+-			
	1						Sf	tude	ent	
Instru	ctor Name	(Print)	1	Instructor Sig	nature		1	iitia		
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#### **APPENDIX B**

Below is **page 1** of the sample document - **Driving Skills Report Card Form**.

The full version is available on the Driver Education website: <a href="www.Michigan.gov/DriverEd">www.Michigan.gov/DriverEd</a>. Select the "Provider" tab on the left-hand side of the screen, and then the "Currently Certified Provider" hyperlink below the image of the student driving. The form is located under the expandable "Teen Classification" toggle, along with other forms available for use.

PROVIDER NAME:					DUDODE GADD	
PROVIDER ADDRESS:				DRIVING SKILLS REPORT CARD		
PROVIDER PHONE:						
	FSTUDENT	ADDRESS			PHONE NUMBER	
Congratulations! It is my recommendation that your teen, after completing at least 6 hours of behind-the-wheel instruction, has acquired the knowledge, skills, and attitude at or near a proficient level to operate a motor vehicle within the highway						
transp	transportation system when accompanied by a licensed parent/guardian or adult age 21 or over.					
The next step will be for you and your teen to visit the Secretary of State branch office and apply for the Level 1 License. It is important that parents provide at least 50 hours of the required supervised driving practice with their teen. "To help give you the tools and guidance necessary to teach your teen. The Parent's Supervised Driving Guide (SOS-191) is available online at <a href="https://www.Michigan.gov/TeenDriver">www.Michigan.gov/TeenDriver</a> , or by request."						
While many safe driving skills have been taught and practiced during the course, there has not been sufficient time for the student to become an accomplished driver. Please continue to practice all driving skills and maneuvers under your guidance to further develop their skills, decision making, and judgments.						
Please use S, NI, U, or X in the skills box next to the objective to give feedback to the parents/legal guardian						
S = Satisfactory at this time—student performed skill without verbal instructions or guidance from the instructor.  NI = Need to Improve — student performed skill with minimal verbal instructions or guidance from the instructor.  U = Unsatisfactory — Needed verbal cues or guidance from instructor to perform the skill correctly.  X = Did not perform skill during any of the 6 BTW driving lessons provided.						
Drive #1 Low Speed - Light Traffic - Parking Lot - Residential						
Skill	Skill   Objectives and Skills student has worked on   Skill   Objectives and Skills student has worked on					
	a) Pre-entry and safety	checks		h) Approach intersections		
	b) Pre-drive and start p			i) Starting the engine		
	<ul> <li>c) Establish front bump</li> </ul>			<li>j) Establish rear bumper re</li>		
	<li>d) Moving the vehicle:</li>			k) Moving the vehicle back	overd.	
	Operation of steerin     hand over hand			<ol> <li>Securing vehicle proced</li> </ol>		
	<ul> <li>f) Operation of vehicle controls: gear shift, accelerator, brake, steering wheel, parking brake</li> </ul>					
	g) Vehicle familiarization - identify communication, comfort, safety, convenient, and control devices					
Skall	a) Establish reference points for lane positions 1 (center), 2 (left), 3 (right) b) Concentrate on path of travel on straight, curving, and hilly roads c) Enter a roadway from the curb or side of the road d) Establish reference points for turning, moving forward, and to the right and left sides of the vehicle e) Complete left and right turns at intersections					
<u> </u>						
f) Apply proper stop position in residential and rural area intersections						
	g) Complete left and ri	ight lane changes – light traffic				
	<ul> <li>b) Determine minimum time and space gaps for maneuvers on two-lane and four-lane roads at speeds up to 45 mph—light traffic</li> </ul>					
<ol> <li>Demonstrate how to enter, exit, and cross traffic at controlled and uncontrolled intersection</li> </ol>					sections	
	Park at a curb and park on a grade (uphill and downhill)     Backing in a straight line					

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