

ADTSEA Curriculum

CURRICULUM STRUCTURE

The “Driver Education Classroom and In-Car Curriculum” was developed to provide current information and techniques on teaching novice drivers the basics of motor vehicle operation. It was developed specifically to reference four textbooks:

- Drive Right, 10th edition, published by Prentice Hall, 2002
- Handbook Plus, 1999 edition, published by International Traffic Safety Publishers
- How to Drive, 12th edition, published by the American Automobile Association, 2001
- Responsible Driving, 2006 edition, published by Glencoe/McGraw-Hill

If a driver education program is using a textbook not listed above, the program will need to match the appropriate reading material of the text it is using in the “Resources” column of the curriculum. It is recommended that each classroom instructor receive and use a copy of the teacher’s edition of one of the textbooks and that each student receive and use a copy of the textbook while in the driver education program. The choice of text is left up to each individual school. Any of the four textbooks listed above will meet the requirements of a quality driver education program. Also, instructors and students should have a copy of their state’s “Driver’s Handbook” for use in the program.

The “Driver Education Classroom and In-Car Curriculum” guide is divided into 10 units that are provided to assist in the coordination of 45 hours of classroom instruction as well as a Skills Log, and an In-Car Guide. Eight hours of in-car instruction are grouped into the In-Car Guide and alternate forms of the final exam are provided along with unit exams.

Set Up and General Notes on the Version 2.0 Curriculum DVD

It is recommended that an S-Video cable hook-up be used with this DVD. As this will ensure a higher resolution image. Other video cables can be used but may not give as high a quality picture. A laser projector is best to show the DVD. TV’s can also be used to display the images, but may be hard to see depending on the TV’s screen size.

Please also take note of whether your equipment requires a DVD + or -. Your system will not work without the correct type of DVD.

Step-by-Step Instructions for Using the Version 2.0 Curriculum DVD

There are two methods to utilize the Curriculum DVD:

Method One: Stand-alone Mode: You will need a DVD player, TV set or Projector to present the image. There are several buttons you will utilize on your DVD remote or player to control the slides/videos on the DVD. They are listed below:

Controls:

During slide show

- Directional Arrows - navigate through buttons
- OK/SELECT - confirm selection
- Title - return to main screen
- **IMPORTANT INFORMATION PLEASE READ** - Specific slides have the capability to enlarge the still pictures on them for easier viewing. In order to enlarge the still picture on the slide highlight the still picture and hit enter on your remote. Please note that not all

still pictures on the slides have this feature. If the still picture on the slide cannot be highlighted the slide does not have this feature.

During video playback

- Stop - stop video
- Play - start video
- Rewind/Fast Forward – rewind/fast forward video
- Pause - pause video
- Title - return to unit selection screen
- Menu (if available) - advance to next slide

Method Two: PC Mode: You will need a personal computer with a DVD drive. It should also have a sound card, speakers and a remote control (optional). Additionally, it should also have DVD playback software.

Controls:

- Please refer to your DVD Playback Software manual on how to use keyboard/mouse to control playback

Extras:

- This disc contains a printable version of the ADTSEA DVD Curriculum that can be accessed in PC Mode. Adobe Acrobat Reader is required to open and print (version 7.0.5 is included on this disc). To access the curriculum PDF files, go to My Computer, then right click on DVD drive and select Explore.
- It is recommended that you read the curriculum and practice scrolling through the units/test questions with the DVD before actually presenting these materials in front of a class.

Units 1 – 10, Classroom Instruction

Each unit of classroom instruction begins with the unit title and number. Page two of each unit includes a unit introduction and the time frames for the unit with information on what the novice driver should do during the unit. Page three of each unit includes information for the instructor in terms of what materials are needed to teach the unit and what the instructor should review before teaching a particular unit. Beginning with page four of each unit, the curriculum is laid out in a facing-page format. Even-numbered pages on the left include the Performance Objectives, the Learning Activities and the Resources for each objective. Odd-numbered pages on the right include the Content Outline which matches the objectives and learning activities on the facing even-numbered page. To present the information in this curriculum you will need a DVD Player, projector, screen or TV and cart and extension cord for each unit.

- Performance Objectives: state in behavioral terms what the student is expected to do (e.g., describe, list, watch, etc.).
- Learning Activities: give the instructor activities to accomplish the objectives. These may include learning discussions, showing slides, handing out worksheets or fact sheets to students, showing videos, assigning homework, completing a test or others. As appropriate, instructors are encouraged to use learning activities of their own.
- Resources: include the slide number and title, worksheet number and title, video number and title (when applicable), fact sheet number and title, textbook references by

chapter for each of the four textbooks recommended, optional video titles, and other resources to accomplish the objectives and support the learning activities.

1. Fact sheets: These are included immediately after the unit outline. These provide additional, important information to support the content outline and ***must be read by the instructor before teaching the unit***. Fact sheets are identified in number sequence for use within the unit.
 2. Worksheets: These are included immediately after the fact sheets. These are to be copied and given to the students to be used in class or as homework guides. The worksheets are to be completed by the student and can be used as study guides for the unit tests. Worksheets are identified in number sequence for use within the unit.
 3. Videos: Videos are included throughout the curriculum to help support the content. When a video is listed, you can expect that either a segment illustrating a particular skill is provided, or a resource video in its entirety that is pertinent to the unit is included. Videos can be shown or skipped. You may include videos of your own that are appropriate to a particular objective.
 4. Unit Tests: These are included at the end of the curriculum guide. Unit tests have three parts. The first is the test itself, given to students but they shouldn't write on them so they can be used again in future classes. The second is the answer sheet, also given to the students to record their test answers. The third is the answer key for use by the instructor in grading the test.
- Content Outlines: include the content necessary to accomplish the objectives and learning activities. The outline is written in sentence format or bulleted with important points. Instructors should convey this content to the class during the lesson. Fact sheets provide additional content information that can be valuable to the instructor and must be reviewed before teaching the unit. Some fact sheets may also be copied and given to the students, if directed by the learning activity.

In-Car, Behind-the-Wheel Lessons

These lessons are included as an 8-hour block after Unit 10. Additionally, there is an individual student in-car record that can be copied and used for each student.

Reference Materials

Certain resources are required for use in the curriculum. For instance, some videos are included in the DVD and can be presented by clicking on the video graphic.

Embedded Videos on Version 1.0 DVD:

Insurance Institute for Highway Safety

- Reducing Your Risk in the Crash
- Understanding Car Crashes: It's basic physics

Continental Teves

- ESP Consumer Video
- Stomp, Stay and Steer

National Road Safety Foundation

- LOV2XLR8

US Department of Transportation - Federal Motor Carrier Safety Administration

- The Unsafe Driving Acts of Motorists in the Vicinity of Large Trucks

National Commission Against Drunk Driving

- Driving Drunk: Your Choice

Cingular Wireless

- Be Sensible: Don't Drive Yourself to Distraction

Included Videos on Two Separate DVD's With Curriculum:

AAA Foundation for Traffic Safety (four videos on one DVD)

- Using Your Eyes Effectively
- Managing Space and Time
- Freeway Driving
- Sharing the Road

AAA Foundation for Traffic Safety

- Signs, Signals and Markings; Understanding the Language of the Road

American Automobile Association

- Teaching Your Teens to Drive

Optional Video:

This video is not included with the DVD. If you wish to use this video, it is listed in an appropriate spot in the curriculum. It can be purchased/requested by contacting the appropriate agency/vendor.

AAA Foundation for Traffic Safety (video available at: <http://www.aaafoundation.org>)

- Road Rage: How to Avoid Aggressive Driving

Textbooks

- Drive Right, 10th edition, 2002
Prentice Hall (formerly Scott Foresman/Addison Wesley)
School Division
Customer Service Center
P.O. Box 2649
Columbus, OH 43216
800-552-2259
- Handbook Plus, 1999 edition
International Traffic Safety Publishers
3500 Matte, Suite 214
Brossard Qc.
Canada J4Y 2Z2
888-444-7001 or 450-444-7000
- How to Drive, 12th edition, 2001
AAA Traffic Safety
1000 AAA Drive, M/S 76
Heathrow, FL 32746
407-444-7960
- Responsible Driving, 2006 edition
Glencoe/McGraw-Hill
936 Eastwind Drive
Westerville, OH 43081
800-848-1567

Table of Contents

Unit 1 - Introduction to Novice Driver Responsibilities and the Licensing System
Unit 2 - Introducing Operator and Vehicle Control Tasks in a Controlled Environment
Unit 3 - Space Management System
Unit 4 - Basic Maneuvering Tasks
Unit 5 - Risk Reducing Strategies for High Speed, Multi-Lane Expressway
Unit 6 - Personal Factors Influencing Operator Performance
Unit 7 - Environmental Conditions that affect safe vehicle operation
Unit 8 - Vehicle Functions, Malfunctions and Collision Reporting
Unit 9 - Sharing the Road with Commercial Vehicles
Unit 10 - Reducing the Influence of Distractions on the Driving Task
In-Car Lessons
Final Exam A
Final Exam B
Unit Test