2013 Missouri State Conference

Presented By:
Brett Robinson
Executive Director, ADTSEA
Presentation Topics

1. Overview of revisions to the ADTSEA 3.0 Curriculum
2. Overview of the Curriculum Development Process
3. What’s New in the ADTSEA 3.0 Curriculum?
4. Package Contents and System Requirements
5. Benefits of Standardized Curriculum
6. MAP-21 State GDL Grants – Interim Final Rule
7. Overview of the ADTSEA 3.0 Virtual Learning Online Training Program
Overview of Revisions to the 3.0 Curriculum

• Based on national standards and developed in cooperation with NHTSA
• References the AAA How to Drive textbook
• 13 Units, 45 hours of classroom, 8 hours of in-car instruction
• 2 DVD’s and 1 data CD
• Supporting video from AAA and other organizations to support the objectives, 2 – 6 minutes in length
ADTSEA 3.0 Curriculum Units

1. Introduction to Novice Driver Responsibilities and the Licensing System
2. Getting Acquainted with the Vehicle
3. Understanding Vehicle Control: Starting, Steering and Stopping
4. Traffic Control Devices and Laws
ADTSEA 3.0 Curriculum Units

5. Vision and Space Management
6. Basic Maneuvers in a Low-Risk Environment
7. Risk Reducing Strategies for Different Driving Environments
8. Sharing the Road with Other Users
9. The Effects of Distractions on Driving
ADTSEA 3.0 Curriculum Units

10. Adverse Driving Conditions and Emergencies
11. Impaired Driving
12. The Effects of Fatigue and Emotions on Driving
13. Travel Planning, Loading, Towing and Driving Special Vehicles
Curriculum Development Process

- NHTSA contributed funds for development of the 3.0 Curriculum
- Curriculum Committee of five members was created to assist with the development:
  - Carol Hardin, VA
  - Robin Bordner, MI
  - Gay Ching, HI
  - Carlos Pozo, NC
  - William Van Tassel, AAA, FL
Curriculum Development Process

• Curriculum standards updated to comply with administrative standards.
• Concepts identified in the curriculum standards that were missing from the 2.0 and those that needed updated.
• Agreement made with AAA to use video resources and embed with DVD.
• An outline was developed and approved by the committee.
Curriculum Development Process

• Consensus was reached on lesson plan format.
• ADTSEA staff made revisions to the 3.0 Curriculum:
  – Christie Falgione, Project Specialist
  – Mark Ray, Technical Support
  – Brett Robinson, Project Manager
  – Allen Robinson, Ph.D., Content Advisor
• Draft revisions were sent to the committee for review and comment and finalized.
What’s New in 3.0

• Features enhanced lesson plans and content, including:
  – Space management system
  – Sharing the road with other users
  – Distracted driving
  – Adverse driving conditions and emergencies
  – Effects of fatigue and emotions on driving
What's New in 3.0

- Features new content topics, including:
  - Reference points
  - Advances in automotive technology
  - Natural laws and vehicle load
  - Divided attention
  - Different driving environments
  - Evasive maneuvers
  - Travel planning
  - Loading, towing and driving special vehicles
What’s New in 3.0

• Features new videos to meet the objectives from:
  – American Automobile Association (AAA)
  – AAA Foundation for Traffic Safety
  – Cingular Wireless
  – Commercial Vehicle Safety Alliance (CVSA)
  – National Highway Traffic Safety Administration (NHTSA) and U.S. Department of Transportation
  – National Road Safety Foundation
  – Operation Lifesaver
  – U-Haul
What’s New in 3.0

• Features enhanced visuals including:
  – New design
  – Larger font
  – More pictures and graphics
  – Introduction and summary of the units
  – Video introduction and review questions
  – Animation on slides and transition between slides
What’s New in 3.0

• Also features:
  – Enhanced lesson plan format with slide images
  – Enhanced learning activities and worksheets
  – Words to know
  – Video review worksheets
  – Unit review questions
  – Definitions page
  – Words to know matchup worksheet
Package Content

• Data CD
  – Printable Lesson Plans for Units 1-13
  – Unit 1 in Microsoft Word
  – Dashboard BINGO materials
  – Appendix A: In-Car Lessons
  – Appendix B: Final Exam
Package Content

- DVD 1 – Visuals and Videos for Units 1 – 8
- DVD 2 – Visuals and Videos for Units 9 – 13
- Printed materials
  - Preface
  - 13 unit lesson plans
  - Quizzes
  - 6 in-car lessons
  - Final exam forms A and B
- How to Drive textbook
System Requirements

• **Recommended method** – DVD player and an HDTV or HD video projector and screen.

• **Second method** – personal computer with a DVD drive and DVD playback software and video projector.*

*Due to the variance in computer DVD drives and DVD player programs, ADTSEA cannot guarantee that the video DVD will work in your computer.*
DVD Controls

• During menu:
  – Directional arrows – navigate through menu images
  – SELECT/ENTER/OK – confirm selection (can play entire unit or start at section in unit)

• During slide show:
  – Next button – advance to next slide
  – Previous button – go back to previous slide (may need to press 2 times fast)
  – Menu – return to unit selection screen
  – Root Menu – return to sections within unit
DVD Controls

• Before playing video:
  – Next button or play – to start the video

• During video:
  – Pause – pauses video
  – Next button - skips video
  – Do not press the Stop button. This will end the DVD.
Benefits of Standardized Curriculum

• Maintained by a national driver safety organization
• Contributions from other national organizations in highway safety / driver education
• Up-to-date information and reflective of current educational methodologies
• Regular updates by ADTSEA
Benefits of Standardized Curriculum

• Consistency in course content delivered
• Simplified process for curriculum approval
• Benefits students and promotes student participation
• Sets the standard for the delivery of driver education programs
MAP-21 NHTSA Interim Final Rule

- Moving Ahead for Progress in the Twenty-First Century
- Federal Funding for State Highway Safety Programs (402 and 405 Grant Funds)
- Includes/Revises Graduated Driver Licensing (GDL) Grants
MAP-21 GDL Funding

• To qualify for funding, the state must have as a part of its GDL program, for all new driver under the age of 21, a permit stage and an intermediate stage that leads to full licensure.

• Encourages states to adopt and implement the Novice Teen Driver Education and Training Administrative Standards (NTDEETAS)
MAP-21 GDL Funding

• Permit stage must be a minimum of 6 months and learner cannot exit before age 16.

• Among various other requirements and restriction, to complete the permit stage, the learner must successfully complete a driver education or training course that is certified by the state.
MAP-21 GDL Funding

• Intermediate stage must be a minimum of 6 months and learner cannot exit before age 18. Includes various requirements and restrictions.

• NHTSA recognizes the importance of driver education or training as an important highway safety countermeasure for the reduction of teen crashes and fatalities.
Letter from Brian McLaughlin, NHTSA’s Senior Administrator - Traffic Injury Control on Moving Ahead for Progress in the 21st Century (MAP-21) Click here.

Moving Ahead for Progress in the 21st Century (MAP-21) Interim Final Rule (IFR) published in Federal Register

The IFR requires states to provide evidence of having a state-certified driver education program to qualify for state funding under MAP-21 and encourages states to implement the Novice Teen Driver Education and Training Administrative Standards (NTDETAS). Read the article here.

Letter of Acknowledgement from the National Transportation Board

Please read the letter of recognition by NTSB for recommendations made to NHTSA by ADTSEA regarding driver education. The letter acknowledges ADTSEA for the continued efforts being made to improve driver education by developing a model curriculum and administrative standards.
Novice Teen Driver Education and Training Administrative Standards

Welcome to the Novice Teen Driver Education and Training Administrative Standards (NTDETAS) Home Page.

The NTDETAS are also commonly referred to as the "Administrative Standards".

The Association of National Stakeholders in Traffic Safety Education (ANSTSE), also referred to as the "Association", was formed as a result of the 2009 publication of the Administrative Standards.

The Association is dedicated to assisting States with the adoption and implementation of the Administrative Standards to initiate improvements in the administration of driver education.

The recently published NTDETAS Strategic Plan provides a timetable and direction for increased adoption, and defines the priorities of the driver education community for the coming decades.

This site is designed to assist States in their efforts to enhance their State-wide driver education programs by providing valuable Resources such as standards, state assessment reports, presentations, documents, research papers, reports, facts and statistics.

Additionally, this site provides information on how States can request Technical Assistance for the adoption and implementation of the Administrative Standards and for making improvements in their State-wide driver education program.

ADTSEA 3.0 Curriculum Overview
ADTSEA 3.0 Curriculum Free Downloads
ADTSEA 3.0 Curriculum Unit 9 Demo
ADTSEA 3.0 Virtual Learning

• ADTSEA 3.0 Virtual Learning Online Training Program
• Launch in March 2013
• Mirrors the ADTSEA 3.0 Curriculum
• Utilizes the Moodle platform
• Instructor lead and monitored
ADTSEA 3.0 Virtual Learning

• Integration with Classroom and BTW (preferred method) or may be used as stand-alone program
• Ties into state Information Learning Systems
• Student activities and evaluations
• Students must pass questions and quizzes to progress (utilizes banks of questions)
ADTSEA 3.0 Virtual Learning

• Teachers can edit and add content
• Teachers can add resources:
  – Books, files, folders, IMS content packages, labels, pages and URLs
• Teachers can add activities:
  – Assignments, chats, choices, databases, external tools, feedback, forums, glossaries, lessons, quizzes, SCORM packages, surveys, Wikis and workshops
ADTSEA 3.0 Virtual Learning

• Teachers can track:
  – Logs
  – Activity
  – Assignments
  – Grades

• Increases the availability of driver education classroom courses (i.e., rural areas).
Welcome to the American Driver and Traffic Safety Education (ADTSEA) Online Driver Education Training Course. This course is designed to provide the student with the basic knowledge necessary to operate an automobile. It is an introduction to the highway transportation system with emphasis on risk perception and management in the decision-making process.
Welcome to the ADTSEA Driver Education Online Training Course

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Statistics

Motor vehicle crashes are the leading cause of death for people age 16 and 17. A significant percentage of young drivers are involved in traffic crashes, and they are twice as likely as adult drivers to be involved in a fatal crash. Sixteen-year old drivers have crash rates that are about three times greater than 17-year old drivers, five times greater than 18-year old drivers, and approximately twice the rate of 85-year old drivers.

A teens’ risk of being in a car crash is at a lifetime high during their first 12 to 24 months of driving. Research indicates that immaturity and inexperience are primary factors contributing to
Unit 5 - Vision and Space Management

Unit 5 will introduce operator procedural and information processing tasks in a low risk driving environment. Basic vehicle maneuvering tasks will include vehicle operating space and an introduction to the space management system. The space management system will be used to determine appropriate roadway position, appropriate vehicle speed and appropriate communication with other users. Roadway characteristics discussed will be interaction with intersections, surface conditions and traffic controls. Looking for open, closed and changing areas of space and divided attention/multi-tasking will also be discussed.

Unit Length: Approximately 6 hours

Student/Parent Resources:
- [AAA How to Drive](#) - Chapters 7,8, and 11
- [ADTSEA Parent Mentor Practice Guide](#)

NOTE: You may print the [Unit 5 Printable Fact Sheets](#) for future reference prior to entering the unit.

Select the best answer (A, B, C, or D). Must be completed with at least 80% correct to continue to the next Unit.
# Tracking Students

## ADTSEA 3.0 Driver Education Online Training Course

### Participants

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<th>User picture</th>
<th>First name / Surname</th>
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<td>Brett Robinson</td>
<td><a href="mailto:brett@adtsea.org">brett@adtsea.org</a></td>
<td>Indiana</td>
<td>United States</td>
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<td><a href="mailto:terris@michigan.gov">terris@michigan.gov</a></td>
<td>Lansing</td>
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American Driver & Traffic Safety Education Association
### Activity Reports

**ADTSEA 3.0 Driver Education Online Training Course**

Computed from logs since Thursday, 21 June 2012, 2:12 PM.

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### ADTSEA 3.0 Driver Education Online Training Course: View: Grader report

**Grader report**

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Sending Messages

Message course users

Home ▶ Participants ▶ Message course users

Added 13 new recipients
Keep searching, or use the form below to send a message to the selected students

Message body:

Formatting:

Currently selected users

Brett Robinson bretl@adtsea.org Remove
Kirk Ferris ferrisk@michigan.gov Remove
Christie Estriame christie@adtsea.org Remove
Benefits of 3.0 Virtual Learning

• Utilizes Moodle platform – utilized by many educational institutions (learning based)
• Supplements classroom instruction
• Optimizes classroom instruction time
• Progressive evaluations
• Makes learning enjoyable
• Students are accustomed to learning system
For More Information

ADTSEA

Website: www.adtsea.org

Phone: (724) 801-8246

Email: office@adtsea.org
Questions