Rationale for an Alcohol and Ignition Interlock Training Program for Adult Probation Personnel

• Over 50% of persons on probation have alcohol-related offenses

• Adult probation officers are charged with monitoring ignition interlock devices

• Previous analysis has shown lack of knowledge about both alcohol and ignition interlock devices
## Background

### 2009 – 2010
- **DADAP for Probation Officers**

### 2011 – 2012
- **TxDOT project to develop an Alcohol and Ignition Interlock Training Program**

### 2012 - 2013

#### Steps to Develop Program
- Determine Probation Officers’ Knowledge
- Develop a Draft Curriculum
- Pilot Test Draft Curriculum in Brazos, Harris, and Montgomery Counties
- Evaluate Pilot Test Results
- Make Curriculum Revisions Based on Pilot Test
- Plan Future Trainings
Pilot Test Results
(Brazos, Harris, and Montgomery Counties)

• Average Post-Test Score = 87%
• Improvement from Pre-Test = 38%

• 102 of the 105 participants felt the course would be beneficial for all probation officers
2012 – 2013 Efforts

Provide for 12 Counties

- Bexar
- Caldwell
- Jefferson
- Lavaca
- Midland
- Milam
- Parmer
- Potter
- Tarrant
- Travis
- Wichita
- Williamson
2013 Results

• 45.2% improvement from pre-test

• 310 of 313 participants felt the course would be beneficial for all probation officers.
Alcohol Topics

- Introduction, Course Overview, Pre-Test, and Study Guide
- Alcohol Laws Related to Traffic Safety
- Effects of Alcohol on Humans
- Effects of Alcohol on Driving and Risk
- Alcohol Abuse/Alcoholism
- Screening for Abuse
Alcohol Laws Related to Traffic Safety
Definition of Intoxication

- Alcohol concentration of .08 or more
  - Crash Data
  - Experiments

- Not having normal use of mental and physical faculties because of alcohol or other drugs.
Alcohol Laws Related to Traffic Safety

- Driving While Intoxicated
- Flying/Boating While Intoxicated
- DWI with Child Passenger
- Open Container of Alcohol in Vehicle
- Public Intoxication
- Intoxication Assault
- Intoxication Manslaughter
- Enhanced Offenses and Penalties
Effects of Alcohol on Humans

Topic 3
BAC Factors (Blood Alcohol Concentration)

- Body Weight
- Gender
- Time Spent Drinking
- Food
- Size of Drink (oz.)
- Content of Drink (%)
<table>
<thead>
<tr>
<th>Beverage</th>
<th>Serving</th>
<th>Alcohol Content (by Volume)</th>
<th>Alcohol Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beer</td>
<td>12 oz.</td>
<td>× 4.8%</td>
<td>= .58 oz.</td>
</tr>
<tr>
<td>Wine</td>
<td>12 oz.</td>
<td>× 5.0%</td>
<td>= .60 oz.</td>
</tr>
<tr>
<td>Cooler</td>
<td>12 oz.</td>
<td>× 5.0%</td>
<td>= .60 oz.</td>
</tr>
<tr>
<td>Wine</td>
<td>4 oz.</td>
<td>× 12.0%</td>
<td>= .48 oz.</td>
</tr>
<tr>
<td>Whiskey</td>
<td>1 oz.</td>
<td>× 40.0%</td>
<td>= .40 oz.</td>
</tr>
<tr>
<td>Margarita</td>
<td>1.5 oz.</td>
<td>× 40.0%</td>
<td>= .60 oz.</td>
</tr>
<tr>
<td></td>
<td>.5 oz.</td>
<td>× 25.0%</td>
<td>= .13 oz.</td>
</tr>
</tbody>
</table>
Effects of Alcohol on Humans

- Effects of Alcohol on the Brain
- Alcohol and Vision
- Why Alcohol Affects People Differently
- Synergistic Effects
- Elimination Rate
- Blackouts
<table>
<thead>
<tr>
<th>BAC</th>
<th>Visible Intoxication</th>
</tr>
</thead>
<tbody>
<tr>
<td>.08 - .10</td>
<td>No reliable signs in most people</td>
</tr>
<tr>
<td>.15</td>
<td>Over 50% show one or more intoxication signs</td>
</tr>
<tr>
<td>.20 +</td>
<td>Virtually all drinkers (including alcoholics) appear visibly intoxicated</td>
</tr>
</tbody>
</table>
Effects of Alcohol on Driving and Risk

Topic 4
<table>
<thead>
<tr>
<th>Impairment Categories</th>
<th>Lowest BAC for Impairment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vigilance</td>
<td>.06</td>
</tr>
<tr>
<td>Visual Function</td>
<td>.01</td>
</tr>
<tr>
<td>Driving</td>
<td>.03</td>
</tr>
<tr>
<td>Information Processing</td>
<td>.02</td>
</tr>
<tr>
<td>Divided Attention</td>
<td>.02</td>
</tr>
<tr>
<td>Perception</td>
<td>.01</td>
</tr>
</tbody>
</table>
Before 6 Beers
Before 6 Beers

After Six Beers
Before 6 Beers
Before 6 Beers

After Six Beers
Is .08 Too Late?

DRINKING & DRIVING:
IS .08% TOO LATE?
Effects of Alcohol on Driving and Risk

- Risk of a Fatal Crash (Single Vehicle)
- Risk of Death in a Crash (Compared to Sober Drivers)
Alcohol Abuse/Alcoholism

Topic 5

• Definition of Abuse
• Definition of Alcoholism
• Signs of Alcoholism
Screening for Abuse

• Alcohol Screening Instruments

• Results from Abuse
Ignition Interlock Topics

• Background and Technical Information
• Texas Laws and Regulations
• Facts and Myths about Ignition Interlock Devices
• Removal and Reports
• Questions and Wrap-Up
Background and Technical Information

• Definition of Ignition Interlock
• Interlock Technical Standards
• TxDPS Requirements
• Ignition Interlock Features
• TxDPS-Certified Ignition Interlock Providers
Texas Laws and Regulations

- TxDPS Regulations
- Texas Laws
- Installation
- Service
- What to Look For
- Visual Vehicle Inspection Procedure
Facts and Myths about Ignition Interlock

• Certain Items May Cause the Device to Fail
• Positives from Non-Restricted Sources
• The NyQuil Myth
• Interlock Drains My Car Battery
• My Vehicle is Broken Down
• Inoperable Vehicle
Removal and Reports

- Removals for Ignition Interlock
- TxDPS Regulations
- Ignition Interlock Transfers
- Interlock Provider Responsibilities
- Situations
- Sample Ignition Interlock Report
Questions and Wrap-Up

- Questions to Ask
- Additional Questions?
- Glossary of Terms

Topic 5