

CORE Curriculum Lesson Plan

|  |
| --- |
| Subject/Course: ISA-TOPE ADAS Curriculum |
| Topic: Truck Driver Operation |
| Lesson Title: Practice in ADAS Operation |

|  |
| --- |
| Lesson Objectives: Upon completion of lesson, student will be able to:   * Demonstrate the various pre-trip requirements related to ADAS (Autonomous Driver Assist System) * Demonstrate the various operational procedures related to ADAS |

|  |
| --- |
| Resources Needed:   1. Access to a truck with ADAS; contact the Transportation Center of Excellence to Schedule vehicle (<https://www.minntran.org/can-i-borrow-that/>) |

|  |
| --- |
| Summary of Tasks/Actions:   * Have students demonstrate proper pre-trip inspection process on ADAS truck * Have students demonstrate proper use of ADAS controls including operating the truck on public roads with ACC, CMS, and Lane Alert engaged. For safety reasons, there is no need to demonstrate actual use of the CMS |

|  |
| --- |
| Supplemental/Options:   * Have the TCOE demonstrate the CMS to students on a closed course (add this into the original “Can I Borrow That” request). |

|  |
| --- |
| References: |