



Department of the Environment
 Vehicle Emissions Inspection Program

Training Class Information

Course Description for July 2014 Training Class

The training class *Understanding OBD II Systems: Operation, Diagnosis & Repair Workshop* will be taught by staff from Utah’s Weber State University on Friday, July 18th and Saturday, July 19th from 9:00 AM - 5:00 PM at the Baltimore headquarters of the Maryland Department of the Environment.

The workshop details OBD II system characteristics, operations and analyze technologies/methodologies used by vehicle manufacturers to meet current and future OBD II requirements. The emission control monitoring discussion in the workshop will include EGR, Misfire, Continuous, Non-Continuous, EVAP etc. Classroom demonstrations of OBD II system operation and diagnosis are designed to improve technology understanding and increase repair effectiveness. The course will focus on the following:

<ul style="list-style-type: none"> • Purpose of OBD II <ul style="list-style-type: none"> • Malfunction Indicator Light <ul style="list-style-type: none"> • Purpose • Identification • Operation <ul style="list-style-type: none"> • Key On Engine Off • Key On Engine Running • Readiness Codes <ul style="list-style-type: none"> • Purpose • Scan Tool Displays • Operation • Role in diagnosis and repair verification • DTCs <ul style="list-style-type: none"> • Purpose • Operation <ul style="list-style-type: none"> • Single Trip • Two Trip • Role in diagnosis, repair and repair verification 	<ul style="list-style-type: none"> • Emission Control System Monitors <ul style="list-style-type: none"> • Requirements for each system • Operation <ul style="list-style-type: none"> • Continuous Monitors • Non-continuous Monitors • OBD II Diagnosis, Repair/Verification Strategies
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Please contact Margie Wise with MDE to register for this course. She may be reached at (410) 537-3197 or by e-mail margie.wise@maryland.gov. **Both training sessions will cover the same material. For directions to the Maryland Department of the Environment’s Baltimore headquarters**, call or please visit the following website. www.mde.state.md.us/AboutMDE/Directions/index.asp for directions to MDE.