

MICHIGAN STATE UNIVERSITY

July, 12, 2019

The Highway Traffic Safety Programs at Michigan State University has recently updated the School Bus Crash Investigation course including material new and recent in the field.

This five-day seminar covers various scientific and engineering traffic crash reconstruction principles related to school buses. The crash investigator/reconstructionist will become familiar with school bus speed determinations via kinetic energy, momentum, force balance, and Delta V. Extensive braking, turning and acceleration testing/research will be conducted, in addition to discussion of physical configuration, terminology, and operating systems associated with school buses.

There have been some recent changes to Michigan School bus laws. An expert in School Bus safety will up-date the class on the changes and what it means for enforcement and safety.

So far in 2019, there have been 12 situations where dual wheels have come off on school buses. In most cases one of the dual rear wheels come off. A mechanical forensic expert will join the program and explain why the wheels are coming off, and what investigative techniques are needed to determine the speed of the bus and if the driver responded in the proper fashion

MSU Engineering just recently completed research on the new total electric bus that you will see on Michigan roads starting in September. They have some unique characteristics in braking, acceleration, lighting and particular issues unique to them. Also, information will be presented relative to investigating officers as well as other first responders about the batteries and electronics of these units.

An engineer and a Medical Doctor will explain why Michigan does not equip school buses with seat belts. The information will help you to explain to parents when they ask you why Michigan does not require seat belts on buses. It is a matter of safety and injuries.

Program Dates: August 12-16, 2019

Location: Michigan State University HTSP Okemos, Michigan
Cost \$675.00

Register through our website <http://www.msu-htsp.org>

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