



THE UNIVERSITY OF TULSA
Continuing Education for Science & Engineering

Digital Forensics of Heavy Vehicle Event Data Recorders

June 18-20, 2018 * Farmington Hills, MI

Instructed by Jeremy Daily & Scott Skinner

Most heavy vehicles in use today have some sort of event data recorder (EDR). These EDRs monitor and record data from the vehicle and are often capable of providing information about the operation of the vehicle. This data can be used in courts and thus need to be treated as digital forensic evidence.

Understanding how to **OBTAIN, PRESERVE, and INTERPRET** these data in a forensically sound manner is important to **crash investigators, engineers, safety managers, fleet safety personnel, and law enforcement** as they try to discover the truth of how and why crashes involving heavy vehicles happen...which is the objective of this 2 ½ day program.

By attending this course, you will walk away...

Knowing how to:

- Access and preserve hvEDR data using forensically sound techniques so it is viable in court.
- Troubleshoot connection and power problems with forensic tools and heavy vehicle systems
- Connect ECMs to sensor simulators to set up a fault free environment and obtain data without overwriting information of interest

And Understanding:

- How the reported data are determined so that valid interpretations can be made
- The known limitations of the data, including when the data is not captured
- The basics of digital forensics and forensic soundness of data
- Practical vehicle network principles, including J1939, J1587/J1708, and RP1210

COURSE HIGHLIGHTS & FEATURES:

- Training incorporates the new Forensic Link Adapter and Smart Sensor Simulator
- Hands-on practice opportunities with actual ECMs
- Combination of theory and practical training to maximize content and knowledge retention
- Small group lab exercises and discussions
- Team-taught by leading industry experts

Course Venue & Times:

DG Technologies: 33604 W. Eight Mile Road, Farmington Hills, MI 48335

Times: Monday & Tuesday – 8:30 am – 4:30 pm; Wednesday – 8:30 am – 12:00 pm



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REGISTRATION FORM

Please sign up the following for this course.

Participant 1:

First Name _____ Last Name _____
Job Title _____ Organization _____
Address _____ City _____ State _____ Zip Code _____
E-Mail _____ Phone _____

Participant 2:

First Name _____ Last Name _____
Job Title _____ Organization _____
Address _____ City _____ State _____ Zip Code _____
E-Mail _____ Phone _____

Course Registration Fees:

- \$1,095.00 per person - Group Discount (2 or more)
- \$1,495.00 per person - Early Bird Discount – available until June 8, 2018
- \$1,795.00 per person – Regular Tuition fee

Payment Options:

() Check Enclosed. Make payable to The University of Tulsa, CESE

() Credit Card. Complete this registration form and return it to the TU-CESE office. You will be contacted for payment information. Online registration is also available for credit card payments at www.cese.utulsa.edu

The University of Tulsa

Continuing Education for Science & Engineering (CESE)

800 S. Tucker Drive, Tulsa, OK 74104

Phone: 918-631-3088; Email: cease@utulsa.edu; Fax: 918-631-2154