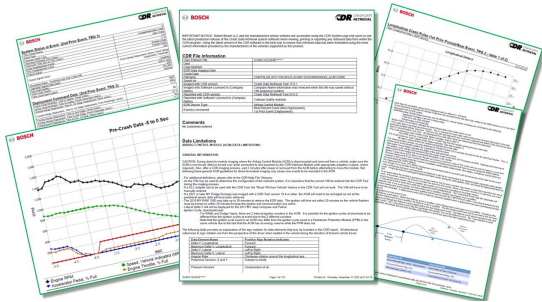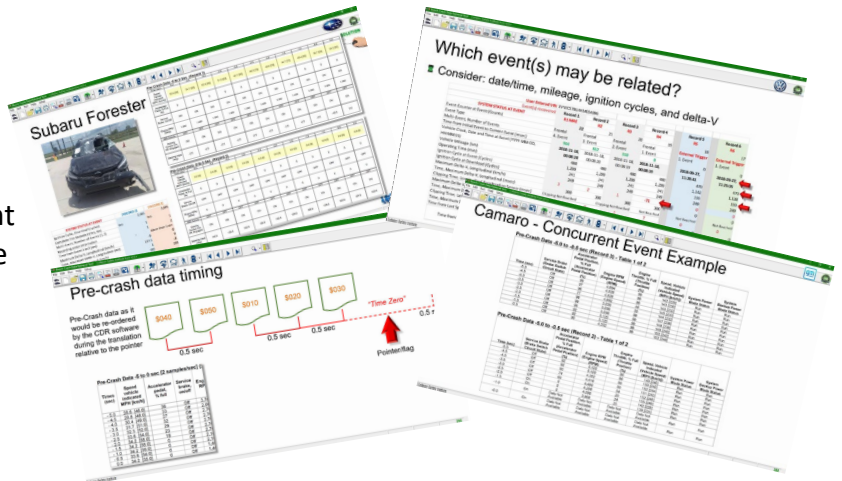# CDR Data Analyst Course

This constantly refreshed course remains the single most thorough, industry leading, most widely recognized, CDR Data Analyst course available anywhere. For those who have completed the basic CDR Technician Course, this CDR Tool Data Analyst course provides insight into the function of the automobile Event Data Recorder (EDR) subcomponent, interpretation of the recorded data as well as expanded analytical skills enabling the appropriate application of a Bosch Crash Data Retrieval (CDR) Tool generated data translation report to a situationally complete crash reconstruction.

There is no hands on "downloading" activity in this class since it is assumed that those in attendance have recently completed the Technician course and understand that process along with the underlying concepts of data storage in the EDR subcomponent, CDR software troubleshooting and related error messages and their solution(s). For that reason, there is no need to bring a complete CDR Tool to this course. However, attendees must have a computer because course materials and exercise data sets are delivered digitally. Activity in this course is focused on reading, understanding and applying a CDR Tool data translation report to a normal, situationally complete reconstruction.

Don't be short changed or mislead by individuals proposing some sort of combination technician/analyst, "EDR methodologies" or "update" class as having anything comparable to the content or completeness offered here. Other more recent upstarts are just that: light on experience and real, meaningful value. Anything else is simply out-of-date "EDR Light."

Lead Instructor: W. R. "Rusty" Haight

Tuition: $750 (USD) per person

Rusty has developed and taught EDR data courses since the earliest Vetronix training seminar in 2000 and has conducted CDR specific research used as part of the material in this course.

CDR Tool Technician courses may be found separately at the Events tab at TheCrashHub.com

Collision Safety Institute
9225 Gulf Fwy S B333
League City, TX 77573
281.909.0745

Location for upcoming classes, course content details, and more all available at
www.collisionsafety.net

Pre-approved for ACTAR CEUs

CDR Data Analyst Course

The course general outline shown below should be considered a "living schedule." It is subject to change depending on how long case problems might take and in-class discussions and amplifying examples which may be added based on those discussions. This course is conducted during a very full 40 hours over 5 days starting at 8am and normally ending at about 5:00PM/17:00hrs on the last day of the course.

Collision Safety Institute Crash Data Retrieval CDR Tool Data Analyst Course

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:00 - 8:15	Introduction, class overview, prerequisites overview, materials	The "System Status" Section	Data is Conditional: "Time Zero"	Crash pulse and PDOF Exercise (08 Challenger)	Exercise
8:15 - 8:30					
8:30 - 8:45					
8:45 - 9:00					
9:00 - 9:15	*Break*	*Break*	*Break*	*Break*	*Break*
9:15 - 9:30	Vehicle Data Sources	Concurrent Events	Data is Conditional: Recording Potential	Pre-crash data Exercise (10 Challenger)	Exercise
9:30 - 9:45					
9:45 - 10:00					
10:00 - 10:15	*Break*				
10:15 - 10:30	Crash Data is Conditional	*Break*	*Break*	*Break*	*Break*
10:30 - 10:45					
10:45 - 11:00	Intro to the Data Translation Report: layout	Concurrent Events Exercise (14 Corvette)	Recording Process Exercise (12 Impala)	49CFR563 - significant notes	Active Safety Data
11:00 - 11:15					
11:15 - 11:30					
11:30 - 12:30	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*
12:30 - 12:45	The "Data Limitations" Section	Rollover data	Data is Conditional: the Crash Pulse	Exercise	Active Safety Data
12:45 - 13:00					
13:00 - 13:15					
13:15 - 13:30					
13:30 - 13:45	*Break*	*Break*	*Break*	*Break*	*Break*
13:45 - 14:00	The "Data Limitations" Section - Polarity	Data is Conditional: Power Up	Crash Pulse Exercise (01 Impala)	Exercise	Active Safety Data Exercise (14 Jetta)
14:00 - 14:15					
14:15 - 14:30					
14:30 - 14:45					
14:45 - 15:00	*Break*	*Break*	*Break*	*Break*	*Break*
15:00 - 15:15	Polarity Exercise (12 Escape)	Data is Conditional: Pre-Crash data	Data is Conditional: PDOF	Exercise	Active Safety Data Exercise
15:15 - 15:30					
15:30 - 15:45					
15:45 - 16:00					
16:00 - 16:15	*Break*	*Break*	*Break*	*Break*	*Break*
16:15 - 16:30	The Configuraton Section	Data is Conditional: Pre-Crash data	PDOF Exercise (09 Escape)	Exercise	Class Closure
16:30 - 16:45					
16:45 - 17:00					

Required Equipment

- A laptop computer with at least Adobe Acrobat Reader, a spreadsheet program (i.e.: Microsoft Office Excel), the Window's calculator installed on the laptop or a scientific calculator. Ideally, administrative rights to the computer for full access to functions. Course materials and course projects are distributed digitally during the course to be read/worked on with your laptop.