**ENGINEERING
DYNAMICS
COMPANY, LLC**

574-E Ritchie Hwy #128
Severna Park, MD 21146 USA

EDC RECONSTRUCTION

ACCIDENT RECONSTRUCTION TRAINING COURSE
October 7 - 11, 2024 • Virtual Course

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REGISTRATION FORM – EDC RECONSTRUCTION TRAINING COURSE

October 7 - 11, 2024 • Virtual Course

Complete the registration form below and return it to EDC. You may also register directly over the phone or by email to the contact information provided below.

Name: _____

Company: _____

Mailing Address: _____

_____

_____

Phone: _____

Email: _____

For course planning purposes, please indicate your experience using *EDCRASH*:

☐ This Will Be My First Time
☐ I Have Some Experience
☐ I Use It All The Time

Price: $895.00

KNOWLEDGE = POWER

Payment Method:

☐ Please Send An Invoice For Payment

☐ Payment by Check Enclosed

   Please Charge My:

☐ Visa   ☐ MasterCard   ☐ American Express

Account #: _____

Exp. Date: _____

Signature: _____

Mail or email your completed Registration Form to:
Engineering Dynamics **Company, LLC • 574-E Ritchie Hwy #128 • Severna Park, MD 21146 USA**
Phone: **503.644.4500**   Email: training@edccorp.com   Website: www.edccorp.com

PLEASE CONTACT EDC CUSTOMER SERVICE IF YOU HAVE ANY QUESTIONS ABOUT THIS 5-DAY TRAINING COURSE.

EDC ACCIDENT RECONSTRUCTION TRAINING COURSE

DESCRIPTION

This one week course provides the necessary coverage of key concepts to reinforce your understanding of how the *EDCRASH* program works. EDC Reconstruction offers the fastest way to learn what you really need to know — how to efficiently use the program and get the right results.

You will be provided with all necessary course materials, including a course notebook and *EDCRASH* training manual. You will also have access to a computer lab for hands-on, practical experience using *HVE-2D* and *EDCRASH* to reconstruct a crash.

WHO SHOULD ATTEND

Students who benefit the most from attending this course will typically have:

- A technical background in engineering or physics.
- Experience as an accident investigator.
- A strong desire to improve their accident investigation skills.

If you use or are thinking about using EDC accident reconstruction software in your work, you should attend this course!

COURSE BENEFITS

Professional training provided by EDC maximizes your return on investment in your software. In this course you will learn to:

- Use the integrated structure shared by all EDC physics programs.
- Collect the input data required to effectively use *EDCRASH*.
- Analyze your accident thoroughly.
- Properly apply your *EDCRASH* program to your real-world cases.
- Understand results and diagnostic messages produced by *EDCRASH*.
- Develop professional presentations of your analysis and conclusions.
- Present your results with confidence.
- Explain your results in court.

To provide a comfortable learning environment and to promote active participation, class sizes are limited to 20 students.

Course attendees are eligible for 30 ACTAR credits.

COURSE OVERVIEW

EDC Reconstruction combines morning lecture sessions with afternoon computer labs. Here is the typical course syllabus:

Monday	Course Introduction
	EDCRASH Program Description
	Earth-fixed and Vehicle-fixed Coordinate Systems
	CDC, PDOF & Damage Measurements
	HVE Execution Environment
	EDCRASH Program: Input, Output & Graphics
Tuesday	*EDCRASH* Flow Diagram
	Discussion of Collision Types
	Main Calculation Flow Chart
	EDCRASH Calculation Procedures, Common Velocity Check, Trajectory Simulation and Linear Momentum
	Case Study
	Damage-only Analysis
	Lab Exercise #1
Wednesday	*EDCRASH* Calculation Procedures, DAMAGE analysis
	Lab Exercise #2
Thursday	*EDCRASH* Calculation Procedures, Separation Velocities
	Lab Exercise #3 and Review
Friday	Open Book Examination
	Post Examination Review

ABOUT THE INSTRUCTOR

Terry D. Day, P.E., former president of Engineering Dynamics Corporation, received his Masters Degree from the University of Michigan and studied under researchers at the Highway Safety Research Institute. He is the author of numerous technical papers focused on the use of computers in crash reconstruction.

As an engineering consultant, Mr. Day has been actively involved in motor vehicle safety for over 35 years. He has also been a guest instructor for over 10 years at Northwestern University's Traffic Institute. Mr. Day is directly involved in the development of all EDC reconstruction and simulation software.