

O. T. A. R. A.



Ohio Traffic Accident
Reconstruction Association



O. T. A. R. A.
Registration @
WWW.OTARA.ORG
(513) 256-6083

Instructor (s):
Andrew Rich,
BSME, ACTAR of
Rich Consulting,
LLC

**Training
Located at:**
9577 Beckett Rd.
West Chester,
Ohio 45069

**OTARA Training Course:
November 16, 2017**

0800-1700

Post Forensic Exam

Contributors Free Non-Contributors \$100

This course will teach you the basic skills necessary to recognize and document potential mechanical issues during a post-crash mechanical examination

Topics include:

- **Safety.** The student will learn the hazards of performing vehicle mechanical inspections and how to protect himself from injury.
- **Braking Systems:** The student will learn the principles of operation of the automotive hydraulic braking system. How to determine braking system failures will be discussed.
- **Steering and Suspension Systems:** The student will learn about common steering and suspension systems and how to check for common failures that could contribute to a crash
- **Practical exercise:** Depending on class size, the instructor may lead the class through an actual mechanical examination.
- **Preserving fractures:** The student will learn how to properly collect and preserve fractured parts for later examination by a metallurgist.
- **Automotive Safety Systems:** The student will learn about modern automotive safety systems such as blind spot detection, collision mitigations systems, electronic stability control systems, lane departure warning, etc.
- **Basic Engine Operation:** The student will learn the basic operation principles of the internal combustion engine.



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