



# RON SMITH & ASSOCIATES, INC.



## TIRE IMPRESSION EXAMINATION AND COMPARISON

### Course Objective

The purpose of this workshop is to teach new and experienced impression evidence examiners how to conduct examinations, comparisons and searches of tire impressions. This workshop is designed to benefit examiners at all expertise levels. The practical exercises have been prepared in such a manner that each student will be working with material equal to their level of expertise and progress to more difficult assignments as their knowledge and ability grows. The student will learn how to properly photograph and document tire impressions at a scene, how to collect tire standards, how to conduct searches for known tires and how to conduct comparisons of questioned tire impressions to known tires. The student will also learn the manufacturing process for tires and retread tires.

### Student Expectations

If the student actively participates and follows the instructor's directions as provided, it is fully expected that they will be able to properly photograph and cast a questioned tire impression, create known tire standards, and accurately analyze and compare known tires to questioned tire impressions.

*Upon successful completion of this course, the student should be able to:*

- *Understand and articulate the nomenclature associated with tires.*
- *Understand the manufacturing process of tires and how it can be used in tire examinations.*
- *Incorporate the use of class characteristics, noise treatment and randomly acquired characteristics into their Comparison phase of the ACE-V process.*
- *Properly Evaluate characteristics and reach accurate conclusions during the tire examination process.*



**Class instructor:**  
**Christine Craig**  
Ph.D., CFWE, CSCSA



### Course Logistics

**When:**

**Class Times:**

**Where:**

**Tuition:**  
\$650.00

***This course approved for  
I.A.I. Certification & Re-certification***

### Local Contact

# Daily Schedule

## Class Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday
8:30am	Photographing and Casting Tire Impressions (a review for class exercises)	Class, Wear and Identifying Characteristics of Tires	Preparation for Examination / Cast cleaning	Retread tires	48 hour tape
9:00am	Outdoor photography & casting	History of Tires	Remove Tires		Source and reference information
10:00am		Tire Construction	Work session with small casts	Administrative	
11:00am	Tire Terminology and Basic Information	Noise Treatment			
11:30am	Lunch	Lunch	Lunch	Lunch	Class Over
12:45pm	Methods for producing known tire exemplars	Effects of deflection on tire impression dimensions	Work session with large casts	Turning radius, Track width and wheel base	
1:30pm	Known exemplar Exercises (outside)	Report conclusions and writing		Track Measurement Exercise	
3:00pm	Indoor assignments	Practical Exercises	Practical Exercises	Practical Exercises	
4:00pm			Replace Tires		
5:00pm	Class over	Class Over	Class Over	Class Over	

## Helpful Lodging Information

Although we cannot endorse any particular hotel property, we have confirmed that the following lodging is within a reasonable commuting distance to the training site.

## Online Class Registration

Visit us at: [www.RonSmithandAssociates.com](http://www.RonSmithandAssociates.com) and register today!

## IAI Approved Training Hours

This course provides 40 training hours and is approved for IAI Certification and re-certification. Training certificates will be presented at the end of the course.

### Comments on Training Site:

No sign-in required -- You may enter the room from the lobby (on left) and attendees should park in the front of the building.