

# Staff

The instructional staff of E. Johnston LLC and Associates Investigations/Accident Consulting Services are accident reconstructionists with over 25 years of law enforcement and training experience

They have taught accident investigation on a national and international scale.



**E. Johnston, LLC and Associates Investigations**  
7612 NW 26<sup>th</sup> St.,  
Bethany, Ok. 405 506-4057 or 405 401-6979

**Accident Investigation for the Patrol Officer Seminar**  
**8:00AM-4:30PM**

2011-007 October 24-25<sup>th</sup>, 2011  
Absentee Shawnee Tribal  
Resource Center 1970 156<sup>th</sup> Ave.,  
NE, Norman , OK

**E. Johnston LLC & Associates**  
**Investigations/**  
**Accident Consulting**  
**Services**

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**Sponsored By:**

**Bob Howard Dodge**  
**13300 N. Broadway Ext**  
**Oklahoma City, Ok 73114 &**  
**John Vance Auto Group**

**Guthrie, Ok 73044**

## **Accident Investigation for the Patrol Officer**

This two (2) day course is designed to provide the on-scene accident investigator with the knowledge and skills to apply advanced tactics, techniques procedures and critical factors in an effective accident investigation.

**Course Objectives and Purpose**  
**Identify and assemble the necessary equipment to conduct an investigation**

**Evidence From The Vehicle:** To develop an awareness in the student of the various forms of physical evidence left in and on vehicles after a collision; and to establish an awareness of how to properly locate, interpret, collect and preserve all the various forms of evidence.

State the importance of post collision vehicle examinations and inspections.

List the two major types of vehicle damage and the causes of each.

**Coefficient Of Friction:** To develop awareness in the student of the concepts and principles involved in the study of coefficient of friction. Further, to develop an understanding of the applications involved in determining coefficient of friction values for given surfaces. Discuss the concepts and principles involved in the studies of coefficient of friction.

Identify and apply the equations recognized in the applications of coefficient of friction in determining values of given surfaces.

**Center Of Mass Braking Percentages and Equation Worksheets:**

To develop an awareness in the student of the concepts and principles involved in considering an objects center of mass and a vehicles braking efficiency and percentages.

Further, to develop an understanding of the applications involved in determining "field" approximated center of mass for vehicles and braking percentages.

**Grade and Superelevation:** To introduce the student to the concepts of grade and super elevation and their application to speed estimates from skid marks.

Define the terms grade and super elevation as they apply to roadways and accident scenes.

Obtain the proper measurements and determine grade and super elevation at an accident scene.

Adjust drag factors (Coefficient of Friction) to account for differences in grade from a test site to an accident site.

**Minimum Speed From Skids:** To develop a working understanding of and abilities in the applications of minimum speed equations. Identify the equations required to solve minimum speed

Properly list the application and steps involved in the process of problem solving for minimum speed and basic time and distance problems. Determine vehicles minimum estimated speeds using identified equations.

**Radius and Critical Curve speeds:** Correctly determine the radius of a curve, curb line and a YAW and determine the critical curve speed of the vehicle leaving the mark

**Cost \$25.00 per officer, payment must be received no later than 10 days prior to class date. Travel, lodging and meals are not included.**

**3 Ways to Register for a Seminar!**

1. **On-line email Registration** at [acs7612@yahoo.com](mailto:acs7612@yahoo.com) or [ed@eja-investigations.com](mailto:ed@eja-investigations.com)

2. **Fax Form** to E. Johnston LLC & Associates Investigations

FAX: 405-495-4565

**3. Mail Form** to:

E. Johnston LLC & Associates  
7612 NW 26<sup>th</sup> St, Bethany, Ok. 73008

**Names of Attendees & Class**

**Number attending**

- 1.
- 2.
- 3.
- 4.

**Agency**

**Address**

**Telephone number**

**Fax number**

**Registrations must be received 10 days prior to the class date!!!**