

Collision Investigation – Advanced

This 80 hour course expands upon concepts learned during Basic Collision Investigation, and introduces new material to aid in collision investigation cause analysis. Upon successful completion of this course, participants will be able to:

- Detail the Human, Vehicle, Environmental (HVE) model during pre-collision, collision, and post-collision analysis.
- Understand basics in articulated vehicle collisions, motorcycle collisions, and car vs. pedestrian collisions.
- Apply appropriate mathematical formulas in determining speed based on tire friction marks, critical speed scuffs, momentum analysis, vehicle vaults, and vehicle falls.

Upcoming classes are listed below. To register, complete the Course Application form and email it to Corporal Zachary Bloomfield at the Washington State Patrol Training Academy. Applications should be submitted no later than four weeks prior to the class and are not a guarantee of acceptance into the class. Applications submitted within four weeks of a scheduled class may still be considered, after consult with WSP Instructors. Applications will be processed in a first come, first served basis. Those accepted into the class will receive an email notification four weeks prior to the course. Dorm Rooms may be available for students in travel status. If requesting a dorm room on WSP Campus, please indicate on your application.

Who can attend our classes?

Certified law enforcement officers that meet the pre-requisites, and prosecutors currently employed by a Washington State Prosecutors Office are eligible to attend class.

Required Equipment

- Note-taking materials
- Scientific-type calculator (similar to Texas Instruments TI-30 III or TI-35) with sine, cosine, and tangent functions
- Clipboard
- Traffic template
- Measuring tape (30ft and 300ft)
- 360-degree protractor
- Personal toiletries (if residing on WSP Campus for training)

Dress Code

Classroom attire will be departmental uniforms or casual business attire, i.e. Dockers type trousers and polo shirts, will be worn during class. Field-type clothing (including rain gear) is recommended for outside practical exercises.

Schedule

Hours are typically 0800-1700 Monday through Friday, unless noted otherwise.

Documents

(Attached non-WSP course application)

Training Sessions

Collision Investigation – Advanced June 3rd – 14th, 2024 (0800-1700hours)

Collision Investigation – Advanced September 23rd – October 4th, 2024 (0800-1700hours)

**2024 Training will be conducted at the Washington State Patrol Academy 631 W. Dayton Airport Rd
Shelton, WA 98584**

Prerequisite

Successful completion of Collision Investigation Basic Course

Cost

The cost for commuter students without meals is \$423.13 per student* (includes course materials).

The cost for commuter students with meals is \$615.13 per student* (includes course materials).

The cost for resident students, which includes meals, is \$903.13* (includes course materials).

Contact

Corporal Zachary Bloomfield, Washington State Patrol Academy

Zachary.Bloomfield@wsp.wa.gov

360-432-7529

WASHINGTON STATE PATROL ACADEMY NON-WSP PERSONNEL COURSE APPLICATION



PLEASE TYPE OR PRINT CLEARLY

| | | | |
|--|------------------------|---|----------------|
| 1. GENERAL INFORMATION | | | |
| Applicant's Name (Last) | | (First) | (Middle) |
| Title/Rank | | <input type="checkbox"/> Male <input type="checkbox"/> Female | |
| Primary Duty Assignment | | Agency | |
| Agency Phone () | Agency Fax () | Applicant's Agency E-Mail Address | |
| Agency Mailing Address (Street or PO Box) | | City | State ZIP |
| IF THIS APPLICANT REQUIRES SPECIAL CLASSROOM ACCOMMODATION, PLEASE MAKE A REQUEST ON A SEPARATE SHEET AND ATTACH TO THIS APPLICATION. | | | |
| 2. COURSE INFORMATION | | | |
| Course Title | | Course Number | |
| Location of Course | | Course Dates | |
| 3. PREREQUISITES | | | |
| Does the above course have prerequisites for attendance? <input type="checkbox"/> No <input type="checkbox"/> Yes (Complete Below) | | | |
| PREREQUISITE(S) | | APPLICANT'S COMPLETION OF PREREQUISITE(S) | |
| <input type="checkbox"/> Completion of (Course title): | | Course Dates | Location |
| <input type="checkbox"/> Completion of (Course title) | | Course Dates | Location |
| 4. MEALS AND LODGING | | | |
| Meals and Lodging and any costs incurred during this course will be the sole responsibility of the applicant and/or their agency. | | | |
| Billing Contact Information: | | Address | |
| Name | Title | Phone () | |
| | | E-mail | |
| 5. In determining eligibility of this applicant, the Training Academy will consider any special need or purpose that the applicant or his/her agency may have regarding the requested course of training. Comments: | | | |
| 6. APPLICANT PRIORITY | | If submitting more than one application for this course, check the priority of THIS applicant: 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> | |
| 7. TRAINING COORDINATOR E-MAIL ADDRESS | | Confirmation is sent via e-mail, when provided. | |
| 8. AUTHORIZATION | | | |
| Agency Representative Authorizing Attendance | | | |
| Name _____ | | Title _____ | |
| Signature _____ | | Date _____ | |
| Return completed application form to Washington State Patrol Academy, 631 W. Dayton-Airport Rd., Shelton, WA 98584, Attn: Registrars. Applications may also be faxed to (360) 432-7642 or sent as an e-mail attachment to the course announcement contact. For more information regarding the application process, please call (360) 432-7529. | | | |