



2023 APAWV Asphalt Mix Design Schools

The Asphalt Pavement Association of West Virginia is offering separate classes in Marshall and Superpave Mix Design Courses designed around the WVDOH specifications and methods. Students will gain a working knowledge of the principles associated with asphalt concrete volumetric mix design for each design method. On the final day of each of the courses, students will have the opportunity to take the WVDOH approved examination to obtain an Asphalt Mix Design Certification.

STUDENTS WILL LEARN:

- Properties and tests applicable to the selection of asphalt binders and aggregates;
- Marshall and/or Superpave mix design methods using volumetric analysis;
- Training necessary to qualify for the examination for WVDOH approval;
- Students will also be exposed to physical testing necessary in both mix design method.

CONTACT HOURS OF INSTRUCTION: 18 hours each

WHO SHOULD ATTEND? WVDOH employees, asphalt contractors and others seeking WVDOH Asphalt Mix Design Certification approval and/or desiring technical knowledge of asphalt mix design.

COURSE PREREQUISITES: Individuals taking this course should be certified as a WVDOH Asphalt Plant Technician and students should have a thorough understanding of the basic concepts and calculations involved in the Plant Technician course. The WVDOH Plant Technician Instruction manual can be found on the WVDOH Materials Website.

PARTICIPANTS SHOULD BE PROFICIENT WITH THE FOLLOWING TESTS AND CALCULATIONS:

- Tests - Maximum theoretical specific gravity(rice test), Compaction of specimens by Marshall and/or Gyratory compactor, bulk gravity of compacted specimens, gradations of aggregate
- Calculations – Aggregate specific gravity calculations (Effective and Bulk), mixture specific gravity (Bulk and Maximum), air voids in compacted mix, aggregate moisture, aggregate blending, random number, and rounding.

Participants should bring with them a non-programmable calculator, ruler, implements for drawing graphs, a 2017 WVDOH Standard Specification Manual

DATE/TIME

Marshall Course - This course will begin Monday March 13, 2023, at 9:00 A.M. and conclude on Wednesday at Noon. Please see the attached agenda for more details.

Superpave Course - This course will begin following lunch after the Marshall course. Beginning Wednesday March 15, 2023, at 1:00P.M. and concluding Friday at 5 P.M.

LOCATION

Both courses will have lecture sessions taught at the Contractors Association of West Virginia office located at 2114 Kanawha Blvd, East, Charleston WV 25311. Laboratory sessions will be held at WVDOH’s Materials Division office located at 190 Dry Branch Drive, Charleston WV, 25306.

REGISTRATION INFORMATION: WVDOH personnel must register through their respective Coordinator. All others may register through the Asphalt Pavement Association of WV. The course fee is \$400 per course per person for APAWV member; \$500 for non-APAWV members. The size of the courses are limited as necessary for laboratory work and will be on a first come first served basis. Payment method must accompany registration. Fee includes sessions and reference materials. Questions can be directed to APAWV at 304-342-1166.

SUBSTITUTION & CANCELLATION POLICY: Substitutions are permitted. Cancellations must be made at least four working days prior to the course and are subject to a \$35.00 administration fee. “NO SHOWS” will be charged full registration fees. APAWV reserves the right to cancel the seminar.

REGISTRATION FORM: To register please submit the following registration form.

First Name	Last Name	Student Contact Number	Marshall Course	Superpave Course
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
Total Charge				

Registration Fees per course:
\$400 – APAWV Members
\$500 – Non-APAWV Members

Company	Type Of Card
Address	Card No
City, State, Zip	Expiration Date & CCV#
Telephone no	Authorized Signature

Payment method must accompany registration. Public Agencies and APAWV members may submit a Purchase Order (PO) and be invoiced or payment may be made by check or major credit card.

If paying via check, make payable to **Asphalt Pavement Association of WV** and mail to the address below.

Registrations with credit card or PO may be mailed to the address below or emailed to Info@asphaltwv.com.

Asphalt Pavement Association of WV, 2114 Kanawha Blvd East, Charleston WV, 25311