



**Contractors
Association
of West Virginia**

Soil & Aggregate Compaction Technician

MCS&T

September 28 – October 01, 2026

Sponsored by the West Virginia Department of Transportation, Division of Highways (WVDOH) and the Contractor's Association of West Virginia (CAWV)

AGENDA

Monday, September 28, 2026

8:00 am to 8:30 am	Registration - Radiation Safety
8:30 am to 9:00 am	Introduction and Announcements (Pat McDonald, CAWV)
9:00 am to 11:00 am	Radiation Safety (Brandon Merritt, WVDOH)
11:00 am to 11:45 am	Radiation Safety Test Review
11:45 am to 12:00 pm	Radiation Safety Test
12:00 pm to 1:00 pm	Lunch
1:00 pm to 1:30 pm	Registration – Soils & Aggregate Compaction Technician
1:30 pm to 2:00 pm	Introduction to Ethics (Shane Harper)
2:00 pm to 2:30 pm	Materials Classification and Properties (Adam Boothroyd)
2:30 pm to 2:45 pm	Break
2:45 pm to 3:15 pm	Definition of Terms and Specifications (Brandon Merritt)
3:15 pm to 4:15 pm	Operation of the Troxler Nuclear Density Gauge (Instructors)
4:20 pm	Adjourn

Tuesday, September 29, 2026

8:00 am to 8:30 am	Principles of Earthwork Compaction and Testing (Shawn Jack)
8:30 am to 9:15 am	Standardize Gauge and Random Numbers (Adam Boothroyd)
9:15 am to 9:45 am	Overview of Earthwork Construction/Compaction Equipment (Brandon Merritt)
9:45 am to 10:15 am	Quality Control Testing – Part 1 (Shawn Jack)
10:15 am to 10:30 am	Break
10:30 am to 11:00 am	Aggregate Base Courses – Part 2 (Brandon Merritt)
11:00 am to 12:00 pm	Workshop 1 – (T-313 &T-317) (Instructors)
12:00 pm to 1:00 pm	Lunch

Soil & Aggregate Compaction Technician Agenda (Continued)

1:00 pm to 1:45 pm	Workshop 2 – (T-317) (Instructors)
1:45 pm to 3:00 pm	Demonstration of Soils Testing (<u>Shawn Jack & Adam Boothroyd</u>)
3:00 pm to 3:15 pm	Break
3:15 pm to 4:15 pm	T-316 Workshop 3 (Instructors)
4:20 pm	Adjourn

Wednesday, September 30, 2026

8:00 am to 10:00 am	Soils Testing Review (Shawn Jack)
10:00 am to 10:15 am	Break
10:15 am to 11:15 am	Random Number Review and T-313 Review (Instructors)
11:15 am to 12:00 pm	T-316 Workshop Review (Instructors)
12:00 pm to 1:00 pm	Lunch
1:00 pm to 1:30 pm	Review of Specifications (Brandon Merritt)
1:30 pm to 2:00 pm	Aggregate Testing Review (Shawn Jack)
2:00 pm to 2:15 pm	Break
2:15 pm to 4:00 pm	General Form Review and/or Operation of the Troxler Nuclear Density Gauge (Instructors)
4:00 pm	Adjourn

Thursday, October 1, 2026

Written Examination	IT IS YOUR RESPONSIBILITY TO BRING A LAPTOP TO THE TEST
7:30 am	Registration – (Must be seated by 8:00 am)
8:00 am to 11:00 am	Written Examination
11:30 am to 12:30 pm	Lunch
12:30 pm to 5:00 pm	Practical Examination <u>Optional</u> (Stress Lab) (Instructors - Shawn Jack, Laura Wagner, Brandon Merritt, Adam Boothroyd)
2:30 pm to 2:45 pm	Break

Friday, October 2, 2026

8:00 am to 4:00 pm	Practical Examinations <u>Optional</u> Continued (Stress Lab)
10:15 am to 10:30 am	Break
2:15 pm to 2:30 pm	Break
8:00 am to 12:00 pm	Make up or 2nd attempt Written Exams