



Soil & Aggregate Compaction Technician

Cedar Lakes Ripley, West Virginia

January 12 – January 16, 2026

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

AGENDA

Monday, January 12, 2026

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| 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 (Dan Brayack/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, January 13, 2026

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| 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 (Matt Campbell) |
| 10:15 am to 10:30 am | Break |
| 10:30 am to 11:00 am | Aggregate Base Courses – Part 2 (Shawn Jack) |
| 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)

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| 1:00 pm to 1:45 pm | Workshop 2 – (T-317) (Instructors) |
| 1:45 pm to 3:00 pm | Demonstration of Soils Testing (Matt Campbell & Brandon Merritt) |
| 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, January 14, 2026

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| 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 (Matt Campbell) |
| 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 Hands on Practice (Instructors) |
| 4:00 pm | Adjourn |

Thursday, January 15, 2026

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| 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 Optional (C-Lab, left of Cafeteria in brick building) (Instructors - Shawn Jack, Matt Campbell, Laura Wagner, Brandon Merritt, Adam Boothroyd) |
| 2:30 pm to 2:45 pm | Break |

Friday, January 16, 2026

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| 8:00 am to 4:00 pm | Practical Examinations Optional Continued (C-Lab, left of Cafeteria in brick building) |
| 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 |