

MATERIALS CERTIFICATION SCHOOLS



Class Schedule

Registration

RECERTIFICATION

Anyone recertifying must enroll on VDOTU in the recertification course and complete all modules. The online courses will be available starting January 1, 2010 on VDOTU/VC at: <https://virtualcampus.vdot.virginia.gov/external>

All recertification courses have a proficiency test requirement except for Slurry Surfacing and Surface Treatment. Proficiency tests are scheduled through the Central Office Materials Division Training Section.

The 2010 recertification requirements must be completed between Jan.1 and Dec. 31, 2010.

MISCELLANEOUS NOTES

A valid Photo ID must be presented to take all examinations.

Guidelines for the Materials Certification Schools Program are found in Section 115 of the Materials Division's *Manual of Instructions*. Current revisions to this section may be found at: http://www.virginiadot.org/business/resources/Materials/MCS_Program_Guidelines.pdf

VDOT ensures nondiscrimination and equal employment in all programs and activities in accordance with Title VI and Title VII of the Civil Rights Act of 1964. If you need more information or special assistance for persons with disabilities or limited English proficiency, contact your district Civil Rights Manager or the Title VI Specialist at Central Office (804) 786-2085 (or TTY 711).

These certification courses are not introductory programs. It is advised that applicants have some knowledge of road or bridge construction practices. Applicants must have basic reading comprehension skills as well as knowledge of basic math skills including algebra, calculation of percentages and statistics.

Online Registration

Enrollment and payment for all personnel in the Materials Certification Schools may be done online through the VDOTU/VC.

Non-VDOT personnel may access VDOTU/VC through this link:
<https://virtualcampus.vdot.virginia.gov/external>

Traditional Registration

Enrollment may be done by calling (804) 328-3158.

Registration fee is \$200.00 for all classes. Make checks payable to *Treasurer of Virginia*.

STUDENTS MUST GIVE 4 BUSINESS DAYS NOTICE TO BE ELIGIBLE FOR FEE REFUND.

Please call (804) 328-3158 or e-mail MaterialsCertification@vdot.virginia.gov with any questions.

School Locations

Salem:

Salem Civic Center
1001 Boulevard
Salem, VA 24153
(540) 375-3004

Richmond:

The Homewood Suites
5996 Audubon Drive
Sandston, VA 23150
(804) 737-1600
From I-64 take Airport exit to first light, turn left, hotel is on left beside UNO's.

Hampton Roads:

Hilton Garden Inn
100 East Constance Road
Suffolk, Virginia 23434
757-925-1300
Take Rte 58/460 to Downtown Suffolk @
Constance Road/North Main Street Intersection
www.suffolk.gardeninn.com

Fredericksburg:

Holiday Inn Fredericksburg North
564 Warrenton Road
Fredericksburg, VA 22405
I-95, Rte 17 N, Exit 133
(540) 371-5550

Staunton:

Holiday Inn Golf and Conference Center
152 Fairway Lane
Staunton, VA 24401
I-81, Exit 225
(540) 248-6020

NOVA:

Virginia Center for Innovative Tech. Complex
2214 Rock Hill Road
Herndon, VA 20170-4228
(703) 742-6971

Central Office:

Materials Division (Elko)
6200 Elko Tract Road
Sandston, VA 23150
(804) 328-3151

Materials Division Certification Schools

Aggregate Properties

Certification in this field requires attendance in the Asphalt Plant Mix Design School. Course topics: SuperPave and Stone Matrix Asphalt mix design; materials selection, test methods, and specifications. Class includes one day of lab. Calculator and safety shoes required. Students must pass a proficiency examination to be certified.

Prerequisite: Central Mix Aggregate Plant Certification

Asphalt Field

Course topics: Hot Mix Asphalt placement, compaction, joints, density testing, specifications. Inspector and contractor responsibilities. Calculator required. Students must pass a proficiency examination to be certified. A valid Nuclear Safety Certification is required for this proficiency examination.

Asphalt Plant

Course topics: Components of asphalt, testing, sampling, aggregate proportioning, job mix formulas, mix design, specifications, responsibilities of the VDOT monitor and the producer's technician, automated data processing. Calculator and safety shoes required. Students must pass a proficiency examination to be certified.

Asphalt Plant Mix Design

Course topics: SuperPave and Stone Matrix Asphalt mix design; materials selection, test methods, and specifications. Class includes one day of lab. Calculator and safety shoes required. Students must pass a proficiency examination to be certified.

Prerequisite: Asphalt Plant Certification

Surface Treatment

Course topics: Materials, equipment, proper placement procedures, specifications. 1/2 day class. Calculator required.

Slurry Surfacing

Course topics: Materials, equipment, proper placement procedures, specifications. 1/2 day class.

Central Mix Aggregate Plant

Topics include: testing of aggregates, job mixes, specifications, production sampling and stockpiling, automated data processing forms, pay quantities, titration, Quality Assurance, and Modified Acceptance Programs. Class includes one day of lab. Calculator and safety shoes required. Students must pass a proficiency examination to be certified.

Concrete Plant

Instruction will cover: components of concrete, ACI Concrete Mix Design, moisture content and batch weight calculations, requirements for inspection of plant and equipment, responsibilities of producer's Quality Control Technician and VDOT Monitor, automated data processing. Calculator Required.

Concrete Field

Subject matter includes components of concrete, field inspection and repair of hydraulic cement concrete structures, responsibilities of contractor's technician and VDOT inspector, automated data processing and specifications. Students must obtain an ACI Field Level I Certification to be certified.

Pavement Marking

This course involves classroom instruction regarding layout and pre-marking, materials, application, quality control testing, visual inspection and troubleshooting of pavement markings and markers. Students must pass a proficiency examination to be certified.

Soils & Aggregate Compaction

Course instruction covers nuclear density testing, sand cone testing, one-point proctor and "Speedy" moisture. Also covered are construction and testing of embankments and subgrade, pipe installation, roller patterns and reports. Calculator required. Students must pass a proficiency examination to be certified. A valid Nuclear Safety Certification is required for this proficiency examination.

CERTIFICATIONS ARE INTENDED FOR PERSONNEL PERFORMING MATERIALS ACCEPTANCE SAMPLING/TESTING OR THOSE REQUIRED BY VDOT SPECIFICATION TO BE CERTIFIED. CLASS ATTENDANCE FOR GENERAL KNOWLEDGE IS ALLOWED.

2010 School Schedule

ASPHALT PLANT SCHOOL (LEVEL I)
Luck Stone – Rockville 1/5-7/2010
2115 Ashland Rd, Rockville, VA 23146

Must bring – Hard hats, Safety shoes, Calculator

ASPHALT PLANT MIX DESIGN SCHOOL (LEVEL II)

CO Materials (Elko) 2/2-5/2010

Must bring – Safety shoes, Calculator

AGGREGATE PROPERTIES SCHOOL*

CO Materials (Elko) 2/2-5/2010

* To obtain this Certification the technician must attend the Asphalt Plant Mix Design School and pass an Aggregate Properties Examination.

Must bring – Safety shoes, Calculator

ASPHALT FIELD SCHOOL

Northern Virginia 2/2-3/2010

Staunton 2/17-18/2010

Hampton Roads 3/9-10/2010

Richmond 3/23-24/2010

Salem 4/6-7/2010

Fredericksburg 4/13-14/2010

CENTRAL MIX AGGREGATE PLANT SCHOOL

Luck Stone – Boscobel 1/26-28/2010

481 Boscobel Rd, Manakin-Sabot, VA 23103

Must bring – Hard hats, Safety shoes, Calculator

CONCRETE FIELD SCHOOL

(ACI Class held on preceding Monday and Tuesday, contact ACI for details (434-977-3716))

Northern Virginia 1/20-21/2010

Fredericksburg 2/3-4/2010

Richmond 2/23-24/2010

Staunton 3/16-17/2010

Hampton Roads 3/30-31/2010

Salem 4/14-15/2010

CONCRETE PLANT SCHOOL

Salem 1/26-27/2010

Richmond 3/16-17/2010

Hampton Roads 4/20-21/2010

Must bring – Calculator

SOILS & AGGREGATE COMPACTION SCHOOL

Hampton Roads 1/5-7/2010

Richmond 1/12-14/2010

Northern Virginia 2/23-25/2010

Fredericksburg 3/9-11/2010

Salem 4/27-29/2010

Must bring – Calculator

PAVEMENT MARKING SCHOOL

Richmond 1/20-21/2010

Northern Virginia 1/26-27/2010

Fredericksburg 2/9-10/2010

Salem 3/2-3/2010

Hampton Roads 3/23-24/2010

SLURRY SURFACING SCHOOL

Richmond 3/25/2010

Salem 4/08/2010

SURFACE TREATMENT SCHOOL

Richmond 3/25/2010

Salem 4/08/2010

Must bring – Calculator

ALL CLASSES START AT 8:00 AM. EXCEPT SLURRY SURFACING WHICH STARTS AT 1:00 PM.

Examinations will be taken on the last day of class for the following schools:

Asphalt Plant (Level I)

Asphalt Mix Design

Aggregate Properties

Central Mix Aggregate

Concrete Field

Pavement Marking

Slurry Surfacing

Surface Treatment

Examinations will be taken on the Monday following the class for the following schools:

Asphalt Field

Concrete Plant

Soils & Aggregate Compaction

WEATHER CANCELLATION AND SCHEDULE UPDATES AVAILABLE AT:

1-866-527-8656