

VDOT Construction Inspector Apprenticeship

The Community College Workforce Alliance and VDOT are excited to announce collaboration for certification training. Classes will be provided through CCWA. Instruction will comply with VDOT procedures and specifications. Accreditations will also be provided by VDOT.

SiteManager for Inspectors - This 2 day program is designed for the highway construction inspector, and will give an overview of the Sitemanager software program as it pertains to road construction. The software is a common tool for managing statewide construction inspection, contract administration and contract payment activities for VDOT. It utilizes the latest technology to provide engineers, technicians, and construction administrators with the tools to help them effectively and efficiently manage VDOT's construction program.

2 day course with 1 instructor, 9 students minimum, and 15 maximum. The course cost is \$450 per student.

Plan Reading – This 3 day course provides an overview of plan reading as it pertains to road construction, and is designed for the highway construction inspector. The course will cover how to utilize VDOT standards and specifications, identify plans and included sheets, terms and symbols, use of a scale to determine distance and lengths on a set of plans, apply basic math concepts and compute earthwork quantities from cross-section sheets.

3 day course with 1 instructor, 12 students minimum, and 25 maximum. The course cost is \$600 per student.

Documentation & Record Keeping – This 3 day course is designed for the highway construction inspector. The instructor will cover topics such as understanding the importance of contract documents; bid proposals and contracts, plans, specifications, standards, an overview of good documentation practices, using math to document construction activities, and completion of inspection forms.

3 day course with 1 Instructor, 12 students minimum, and 25 maximum. The course cost is \$600 per student.

Surveying for Inspectors – This 2 day course is designed for highway construction inspectors. The instructor will cover road construction surveying topics such as determination of elevation, benchmarks, sources of information, use of field notebook, proper use and accuracy of the equipment and how to read the rod.

2 day course with 2 instructors, 9 students minimum, and 15 maximum. The course cost is \$625 per student. There is a field exercise component which requires a surveying level set.



For more information regarding VDOT Construction Inspector Apprenticeship, contact John McGarry at (804) 523-2282 or emcgarry@ccwa.vccs.edu



Roadway & Drainage – This 4 day course is designed for highway construction inspectors. The instructor will cover the road construction project development process; funding and bidding, resources available, use of plans, specifications, standards and contract, and the basics of inspection for roadway construction and drainage.

4 day program with 1 instructor. 12 students minimum, 25 students maximum. \$800 per student.

Structures & Bridges – This 5 day course is designed for highway construction inspectors. The instructor will cover the importance and usage of drainage items, curbs, medians and entrances, pavement items, retaining, walls, guardrail, fences and markers, design tables, geometric designs, traffic controls and utilities.

5 day program with 2 instructors. 14 students minimum, 25 maximum. \$1125 per student.



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