

**Virginia Department of Transportation  
Concrete Field Certification  
2011**

**First Day**

7:30 am - 8:00 am	Registration	
8:00 am - 10:30 am	Chapter 1 - Components of Concrete	Don French
10:30 am - 12:15 pm	Chapter 7 - Protection and Repair of Concrete Structures	Michael Sprinkel
12:15 pm - 1:15 pm	Lunch	
1:15 pm - 2:00 pm	Chapter 8 - Responsibilities of Contractor's Technician and VDOT Inspector	CQIP Personnel
2:00 pm - 4:00 pm	Chapter 9 - Field Inspection and Control of Concrete	CQIP Personnel

**Second Day**

8:00 am - 9:00 am	Chapter 10 - Automated Data Processing	Bobby Broyles Bob Gullet Kerry Jorgenson Scott Manning Laura Hisey
9:00 am - 10:00 am	Break	
10:00 am - 1:00 pm	Test	

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**Test:** Open Book: 35 multiple choice, TL-13 and TL-28A

**Grading:** Must score 70% or better to pass

**Exam Results:** Can be found on VDOTU at <https://virtualcampus.vdot.virginia.gov/external>

**To be certified:** Students must pass the written exam and obtain ACI Field Level I certification by December 31, 2011. ACI website: [www.vrmca.com](http://www.vrmca.com) Contact number: (434)977-3716. Proof of ACI certification should be faxed to (804)328-3136 Attn: Training Section or mailed to the VDOT Central Office Materials Division Training Section, 1401 E. Broad Street, Richmond, VA 23219. If you have any questions call (804)328-3158.



**Virginia Department of Transportation  
Concrete Plant Certification  
2011**

**First Day**

7:30 am - 8:00 am	Registration	
8:00 am - 10:00 am	Chapter 1 - Components of Concrete	Bob Long
10:00 am - 11:30 am	Chapter 2 - Sieve Analysis, Fineness Modulus	Scott Manning Larry Lundy
11:30 am - 12:30 pm	Lunch	
12:30 pm - 5:00 pm	Chapter 3 - ACI Concrete Mix Design and Adjustments	Scott Manning Larry Lundy

**Second Day**

8:00 am - 9:00 am	Chapter 4 - Moisture Content and Batch Weight Calculations	Tommy Schinkel
9:00 am - 9:30 am	Chapter 5 - Inspection of Plant and Equipment	Bob Gullet Scott Manning
9:30 am - 10:00 am	Chapter 6 - Responsibilities of Producer and VDOT Materials Technician	Bob Gullet Scott Manning
10:00 am - 11:30 am	Chapter 10 - Automated Data Processing	Bob Gullet Scott Manning
11:30 am - 12:30 pm	Lunch	Bob Gullet Scott Manning
12:30 pm - 3:30 pm	Exam	

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**Test:** Open Book: 25 multiple choice

**Proficiency:** 6 Math problems - given on same day as test

**Grading:** Must score a 70% or better to pass

**Exam Results:** Exam results can be found on VDOTU. Non-VDOT personnel can find their results at the following website: <https://virtualcampus.vdot.virginia.gov/external>  
If you have any questions call (804)328-3158.



# CONCRETE

## PLANT AND FIELD

### STUDY GUIDE

#### 2011

**Prepared by: The Virginia Department of Transportation, Materials Division**

This manual has been prepared as a practical guide for VDOT Technicians, Inspectors and Contractors in the program area. The information included in this manual is generally compatible with current VDOT Specifications and instructions; **however it should not be considered a source book for specifications.** For Specifications, consult the current or applicable VDOT Road and Bridge Specification Book. This manual should be used as a guide and a reference to supplement the Specification and the reader's knowledge.

## ACKNOWLEDGMENTS

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American Concrete Institute

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Virginia Ready Mix Association

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