

AGENDA
FAYETTEVILLE

Training Workshop – Day 1

- 8:00 a.m. **Check – in and Refreshments**
- 8:15 a.m. **Welcome**
Introduction to ASTM
- 8:30 a.m. **ASTM C94**
Standard Specifications for Hydraulic Cement Concrete
- 8:45 a.m. **ASTM C172 – Page 15**
Sampling of Fresh Concrete
- 9:00 a.m. **Break**
- 9:15 a.m. **ASTM C31 – Page 73**
Making and Curing of Concrete Test Specimens
- 9:45 a.m. **Demonstration of Concrete Testing**
Slump Test (ASTM C143)
Air Content Test (ASTM C231 & ASTM C173)
Density & Yield Test (ASTM C138)
Cylinder Casting (ASTM C31)
Concrete Temperature (ASTM C1064)
- 11:00 a.m. **Lunch (on your own)**
- 12:15 p.m. **ASTM C143 – Page 23**
Test for Slump of Portland Cement Concrete
- 12:45 p.m. **ASTM C138 – Page 33**
Test for Density and Yield of Concrete
- 1:15 p.m. **Break**
- 1:30 p.m. **ASTM C231 – Page 43**
Test for Air Content – Pressure Method
- 2:15 p.m. **ASTM C173 – Page 59**
Test for Air Content - Volumetric Method
- 2:45 p.m. **ASTM C1064 – Page 9**
Temperature of Freshly Mixed Portland Cement Concrete
- 3:00 p.m. **Lab (Open Practice)**

Exam – Day 2

- 8:00 a.m. **Check – in and Refreshments**
- 8:15 a.m. Questions & Answers Review
- Written Exam**
- Lunch (will be provided)**
- Performance Exam**
- 3:30 p.m. **Approximate Completion**

Please Note:

Every effort is made to complete the performance exam section by 3:30 p.m. It may, however, last longer. Please be prepared to stay until you have completed all sections.