# Training Workshop – Day 1

## Jonesboro

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 a.m.</td>
<td>Check – in and Refreshments</td>
</tr>
<tr>
<td>8:15 a.m.</td>
<td>Welcome</td>
</tr>
<tr>
<td>8:30 a.m.</td>
<td><strong>Introduction to ASTM</strong></td>
</tr>
<tr>
<td>8:45 a.m.</td>
<td><strong>ASTM C94 – Page A-9</strong></td>
</tr>
<tr>
<td></td>
<td>Standard Specifications for Ready Mixed Concrete</td>
</tr>
<tr>
<td>9:00 a.m.</td>
<td><strong>ASTM C1064 – Page 10</strong></td>
</tr>
<tr>
<td></td>
<td>Temperature of Freshly Mixed Hydraulic-Cement Concrete</td>
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<tr>
<td>9:15 a.m.</td>
<td><strong>ASTM C143 – Page 24</strong></td>
</tr>
<tr>
<td></td>
<td>Test for Slump of Hydraulic Cement Concrete</td>
</tr>
<tr>
<td>9:30 a.m.</td>
<td>Break</td>
</tr>
<tr>
<td>9:45 a.m.</td>
<td><strong>ASTM C31 – Page 80</strong></td>
</tr>
<tr>
<td></td>
<td>Making and Curing of Concrete Test Specimens</td>
</tr>
<tr>
<td>10:30 a.m.</td>
<td><strong>ASTM C138 – Page 34</strong></td>
</tr>
<tr>
<td></td>
<td>Test for Unit Weight and Yield of Concrete</td>
</tr>
<tr>
<td>11:15 a.m.</td>
<td><strong>ASTM C231 – Page 46</strong></td>
</tr>
<tr>
<td></td>
<td>Test for Air Content – Pressure Method</td>
</tr>
<tr>
<td>11:45 a.m.</td>
<td><strong>ASTM C173 – Page 64</strong></td>
</tr>
<tr>
<td></td>
<td>Test for Air Content – Volumetric Method</td>
</tr>
<tr>
<td>12:15 p.m.</td>
<td>Lunch is on your own</td>
</tr>
<tr>
<td>2:00 p.m.</td>
<td><strong>Demonstration of Concrete Testing at Razorback</strong></td>
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<tr>
<td></td>
<td>Slump Test (ASTM C143)</td>
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<tr>
<td></td>
<td>Air Content Test (ASTM C231 &amp; ASTM C173)</td>
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<tr>
<td></td>
<td>Unit Weight and Yield Test (ASTM C138)</td>
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<td></td>
<td>Cylinder Casting (ASTM C31)</td>
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<td>Concrete Temperature (ASTM C1064)</td>
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<tr>
<td>3:00 p.m.</td>
<td><strong>Lab (Open Practice)</strong></td>
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## Exam – Day 2

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 am</td>
<td>Check – in and Refreshments</td>
</tr>
<tr>
<td>8:15 am</td>
<td>Questions and Answers</td>
</tr>
<tr>
<td></td>
<td><strong>Written Exam</strong></td>
</tr>
<tr>
<td>10:00 am</td>
<td><strong>Performance Exam at Razorback Concrete’s Maintenance Shop</strong></td>
</tr>
<tr>
<td></td>
<td>Lunch (will be provided at Razorback)</td>
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<tr>
<td></td>
<td><strong>Performance Exam</strong></td>
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<tr>
<td>3:30 pm</td>
<td><strong>Approximate Completion</strong></td>
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</tbody>
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