

## Concrete Strength Testing Certification

### Class Agenda 2023-2024

#### Instructors

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#### Timing, attendance, and breaks

Class day is from 8:00 a.m. to 3:30 p.m. Attendance will be taken in the morning.

| Begin | End   | CLASS SCHEDULE                                                                        |                        |                          |
|-------|-------|---------------------------------------------------------------------------------------|------------------------|--------------------------|
| 8:00  | 8:15  | Registration, Introduction, Objectives and Course Syllabus                            |                        | James Ferry              |
| 8:15  | 9:15  | ASTM C511, Lab Curing<br>ASTM C 1231, Unbonded Capping                                | Section 1<br>Section 2 | James Ferry              |
| 9:15  | 9:30  | <b>BREAK</b>                                                                          |                        |                          |
| 9:30  | 10:45 | ASTM C 39, Compressive Strength Testing<br>Compressive Strength Fracture Types        | Section 3<br>Section 4 | James Ferry              |
| 10:45 | 11:00 | <b>QUIZ &amp; BREAK</b>                                                               |                        |                          |
| 11:00 | 12:10 | MnDOT Strength Requirements and Procedures                                            | Section 5              | Maria Masten/Matt Herbst |
| 12:10 | 12:30 | Course Evaluation, Lab Performance Testing and Exam Information                       |                        | Maria Masten/Matt Herbst |
| 12:30 | 3:30  | Laboratory Review and Evaluation<br>Written Exam (classroom or on-line within 7-days) |                        | James Ferry              |

#### Deadlines (see the course webpage for more information):

1. The **written exam** will open for you at 12:00 pm on the day of class. You must complete the exam within one week after it is open for you, meaning the same day the following week.
2. The CSTC is awarded once the course (classroom, laboratory, and test) are successfully completed.

View the Technical Certification Program website at [mndot.gov/technical-certification](http://mndot.gov/technical-certification) for information about: our program and certification process, class registration, course materials and program documents, construction resources, exams, Technical Certification Card, and help and contacts.