

NJSAT Training Year: Winter 2021

Subject: Superpave Asphalt Plant Advanced Technician Training Course. The course will cover; Aggregate Source and Consensus testing, Overview of Asphalt Binder PG Grading, and Superpave Mixture Design for dense graded and Stone Mastic Asphalt (SMA). The class will also introduce NJDOT's "Specialty Mixes", Designing for Asphalt Mixture Performance and Balanced Mixture Design (BMD).

Thomas Bennert, Ph.D., Supervisor of the Rutgers Asphalt Pavement Laboratory, will be presenting the above course in Winter 2021 for HMA suppliers, testing laboratories, contractors, pavement consultants and other interested individuals. This course will prepare you to satisfy the educational requirements for New Jersey Society Asphalt Technologist (NJSAT) Level 2 Certification Program.

Due to COVID-19, the training class will be held using a hybrid process of virtual classroom sessions and social distanced, low attendance, hands-on training sessions. The class will max out at 15 participants with no more than 5 participants in the building at the same time.

WHERE: Rutgers University Asphalt Pavement Laboratory
New Brunswick, NJ

WHEN: Virtual Classroom: February 16th, February 17th, February 19th
In-person Training:
Group 1: Lab Work: February 22nd; Exam: March 1st
Group 2: Lab Work: February 24th; Exam: March 3rd
Group 3: Lab Work: February 26th; Exam: March 5th

TIME: Morning Session: 9:00am to 12:00; Afternoon Session: 12:30 to 3:30

FEE: \$1,650.00 for the training course. Participants will receive all presentation materials (digital) via email. No breakfast or lunch will be provided.

PREREQUISITE: Must be certified as NJSAT Asphalt Plant Technologist Level 1.

Please register as soon as possible by completing the information below. For inquiries call Thomas Bennert at 609-213-3312 or email at bennert@soe.rutgers.edu

Name _____

Phone _____ Fax _____

Street Address _____

City, State & Zip _____

Affiliation _____

Email Address _____

Checks should be made payable to: Thomas Bennert

Check and registration information should be mailed to: Thomas Bennert
1245 Steeplechase Ct
Toms River, NJ 08755

**ASPHALT PLANT TECHNICIAN TRAINING COURSE LEVEL 2
COURSE SCHEDULE**

February 16, 2021 (Virtual Classroom – Zoom)

**History of Superpave
Asphalt Binder PG Grading
Aggregate Source and Consensus Properties**

February 17, 2021 (Virtual Classroom – Zoom)

**Blending Aggregates to Meet Superpave Requirements
Superpave Volumetric Properties & Analysis
Superpave Mix Design
Moisture Damage Susceptibility (TSR)
Reviewing NJDOT Specification Requirements
Design Examples & Resolving Problems**

February 19, 2021 (Virtual Classroom – Zoom)

**SMA Mixture Design & Production
Designing for Asphalt Mixture Performance
Balanced Mixture Design Procedures
Forensic Testing – What to look for when pavement distress occurs**