

ANNOUNCEMENT



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To: Prospective Attendees of the NCAT Technology Short Course

From: Tom Clayton, SET
Director of Training and Member Services
Colorado Asphalt Pavement Association

Date: June 5, 2018
Subject: Asphalt Technology Scholarship

Attached is the announcement and requirements for applying for the Colorado Chapter APWA/Colorado Asphalt Pavement Association Asphalt Technology Scholarships. Recipients of these scholarships will have the opportunity to attend the "Short Course in Asphalt Technology" taught at the National Center for Asphalt Technology (NCAT) at Auburn University, Auburn, Alabama. This one week course will provide a general understanding of all phases of HMA technology. If you or someone else in your organization is interested in applying for the scholarship, please follow the instructions that have been attached and return the letter of interest along with endorsements as instructed. Submittal deadline of the letter of interest for the scholarship is **November 30, 2018**.

The Short Course in Asphalt Technology will be held the week of **February XX to XXXXXXXX XX, 2019.** (Dates to be announced)

Recipients of the scholarships will be notified before the 6th of December. Scholarship recipients will be asked to attend a luncheon, if possible, to announce their awards on December 6, 2018 as part of the CAPA all members meeting.

If you are not interested in applying for the scholarship, please pass this announcement along to someone who might be.

Thank you for your interest.

Tom Clayton, SET
Director of Training
And Member Services



2019 ASPHALT TECHNOLOGY SCHOLARSHIP PROGRAM

CAPA/Colorado Chapter APWA/National Center for Asphalt Technology

Background: The Colorado Chapter of the American Public Works Association and the Colorado Asphalt Pavement Association (CAPA) established a scholarship program to expand on the asphalt education opportunities persons who are involved in the design, testing quality control, production, management, supervision, or direction of capital and maintenance projects. Funding has been obtained through both organizations to support asphalt pavement related training and educational opportunities for personnel employed by public work agencies in Colorado, contractors and consultants.

Program: The primary training opportunity that is being presented is the [**"Short Course in Asphalt Technology"**](#) taught at the National Center for Asphalt Technology (NCAT) at Auburn University, Auburn, Alabama. The purpose of this one-week intensive course is to provide a general understanding of all phases of HMA technology. Upon completion, the participant will be able to make knowledgeable decisions related to HMA pavements and communicate effectively with asphalt specialists and contractors when the need arises. The course will be held the week of February 20, 2017.

For more information, contact NCAT at (334) 844-6241 or by visiting their web site at: <http://eng.auburn.edu/research/centers/ncat/education/training/industry/index.html>

To apply: To apply for the APWA/CAPA Asphalt Technology Scholarship, complete the attached letter of interest along with a letter of endorsement/recommendation from an agency official and/or supervisor from your organization as well as concurrence from and industry representative to the address as shown below. Those individuals awarded the scholarship and accepted into the program will then be enrolled in the Short Course by CAPA. For more information, contact Tom Clayton at (303) 741-6150 X 151 (tomclayton@co-asphalt.com)

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Costs: Each attendee is responsible for all travel costs (room, airline, rental car, etc.). Tuition expenses are covered through the APWA/CAPA Scholarship.

Who should apply: City and County Engineers, Pavement Program Managers, Road & Bridge Supervisors, Public Works Directors, Consultants and Contractors. Selections will be made cooperatively by a joint APWA/CAPA Committee and will be based on the letter of interest/recommendation and position applicability. APWA and CAPA membership in good standing is required.

**Applications are due no later than November 30, 2018.
Persons selected will be notified on or about December 3rd**

Comments from 2017 Scholarship Program Attendees

I am writing today to express my thanks and appreciation for receiving the scholarship to attend the NCAT "Short Course in Asphalt Technology" at Auburn University a few weeks ago. While I'm grateful to have the experience with asphalt that I do working at Cesare, there is only so much that one can learn working in our profession on a day-to-day basis. Getting the exposure to the research, technology, and academia behind the development of the processes and technology underlying the work we do was a very valuable experience. **Beau B. Radovich, E.I. Lead Laboratory Technician, Cesare Inc,**

The Asphalt Technology Course presented by NCAT was a wonderful in depth look at all aspects of asphalt. The level of detail each topic brought provided multiple "Ah Ha" moments regarding elements of the asphalt mix. From binders to aggregate, this class dove deep into the what, why, and how of everything asphalt. The multiple lab session showed how to test for compliance within the specifications, as well as the experimentation that goes into building the asphalt of tomorrow.

Different asphalt distresses were explained and what was causing those problems and where to start trouble shooting these problems. This was helpful from an agency standpoint and showed that not distresses have the same cause. NCAT dove into perpetual pavement and how to achieve it, from a scientific direction with providing an approach is implementable and manageable. This perpetual concept is something I have strived to accomplish here at the city of Thornton. The advice given shed light on approach I had not thought of, and I cannot wait to try it here at the city. NCAT also provide an understandable approach to right pavement, right time, and right treatment for pavement management, working with your budget.

The applied techniques and best practices taught, gave me as a paving manager, great insight on how to improve our operation; from straighter cold joint seams, and segregation to compaction problems while rolling. The field trip to the asphalt plant was insightful and a great way to get hands on with materials I have not touched (RAP and RAS) in a ready to be added to the mix state. The trip to the test track was extraordinary and I could have spent all week there. All of the data tracking and crack mapping had my engineering side all-abuzz. Then to have all of that data to tie back to a section of asphalt and determine why it failed. What impressed me the most is that given that collected data it could be determined when the pavement would fail again. This class is the most in-depth asphalt class I have even been to and highly recommend it to anyone associated in the industry. **Todd Rullo, Street Operations Manager, City of Thornton**

"I had the privilege of attending the 2018 NCAT "A short course in Asphalt Technology" in Auburn, Alabama. This course left no topic uncovered: from FDR base stabilization, RAP/RAS technology, all the way to pavement rehabilitation and reconditioning. Each subject was typically taught by a different instructor and the variety and broad knowledge from these individuals was invaluable. From the classroom instruction, visiting the asphalt plant, the test track, and finally the county road rehabilitation/rejuvenation project, this course covered nearly every aspect of asphalt paving and the research behind it.

One of my most enjoyable activities at this training was going to the test track & Lee Road 159 where they have put to practice in the real world all the technology and research they have conducted. It was very interesting to see how the different combinations of crack seal, chip seal, thin overlays, etc. and how they reacted differently.

This course has brought many new technologies and research into the asphalt field for me working in Cortez, Colorado. I am looking forward to implementing the information I learned at the NCAT course into our current city roadway rehabilitation projects in providing a better, longer lasting road. I very much appreciate the Colorado Asphalt Pavement Association in supporting me going to this event and look forward to working with them further in our city streets." **Nicolas Stoker, Assistant Engineer, E.I.T., City of Cortez Public Works Dept**

2019 ASPHALT TECHNOLOGY SCHOLARSHIP PROGRAM

Application/Letter of Interest

CAPA/ Colorado Chapter APWA/NCAT



Applicant:

Organization:

Address:

Address2:

City:

State:

Zip Code:

A letter of interest must be completed by the applicant and submitted along with this form. The letter from the applicant should list specific reasons they are seeking the scholarship.

The applicant is required to obtain at least one letter of recommendation must be completed by an agency supervisor/official or industry supervisor. It will be in the best interest of the applicant to have more than one letter and have letters from both an agency person and a contractor familiar with the applicant.

The letter(s) of recommendation must include the name and title of the person making the recommendation.

Important Dates:

Application Dead line is Friday December 1, 2017

CAPA New Member Luncheon, December 6, 2018

**Technology Course Dates: February XX to XXXXXXXX XX, 2019
(Dates to be announced)**