

# MEMORANDUM



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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:** April 7, 2010

**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 December 3, 2010.

The Short Course in Asphalt Technology will be held the week of January 31 to February 4, 2011 and the week of February 28, to March 4, 2011. Each recipient will be able to choose the week they wish to attend.

Recipients of the scholarships will be notified on or before the 10<sup>th</sup> of December. Scholarship recipients will be asked to attend two luncheons to announce their awards. The first on December 10, 2010 as part of the CAPA all members meeting and the APWA awards luncheon in January 2011.

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

# 2011 ASPHALT TECHNOLOGY SCHOLARSHIP PROGRAM

Colorado Chapter APWA/Colorado Asphalt Pavement Association



**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 involving the use of hot mix asphalt (HMA) in Colorado. 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 January 31 to February 4, 2011 and the week of February 28, to March 4, 2011.

For more information, contact NCAT at (334) 844-6241 or by visiting their web site at: <http://www.eng.auburn.edu/center/ncat>. Click on “Education” at the top of the page, and then click on “Upcoming Training Courses” for brochure or information.

**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 an 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 ([tomclayton@co-asphalt.com](mailto: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 December 3, 2010**

## **Comments from 2010 Scholarship Program Attendees**

I enjoyed going to Auburn Alabama and getting the opportunity to visit a place that real understands issues throughout the country.

We discussed warm mix asphalt (WMA) during one of the days. This is the wave of the future; CDOT has been conducting tests on Interstate 70 for two years and this was discussed. There was a portion day 4 that covered Pavement Noise, I am sure this is important to the design side, and the information presented was useful.

Structure Design (ME Design), taught by Dr. David Timm. I thought he was one of the top three presentations of the week.

This training class has been good; there is always something to learn, people here definitely have very strong views' on what they believe in.

Thank you for allowing me to participate in the week long event.

**John E. Juranek, Jr**  
**Engineering Inspector, Douglas County, CO**

Thank you for the opportunity to attend the Asphalt Technology Course at NCAT January 25-29. In these tough economical times I am particularly grateful for CAPA's generous scholarship, as this trip would not have been possible otherwise.

The first two and a half days were very heavily focused on testing. While this is not something I deal with on a daily basis, I found it very valuable to understand the test procedures and what properties, distresses and wear the tests represent. Much of the new information for me was related to binders, particularly aging and stripping.

One of the most interesting components of the course was the NCAT test track.

I also found the section on RAP to be very pertinent to Fort Collins current situation. Fort Collins has increased the use of RAP over the past several years, and most recently has approved 20% RAP in all mixes. The discussion here reinforced this decision, both from a performance and from an environmental responsibility standpoint.

Finally, the warm mix asphalt and M-E design sessions were extremely beneficial. I am looking forward to the expansion of warm mix in Colorado and the potential to extend the paving season.

It's clear I have much to learn about M-E design, but this course was an excellent introduction.

I appreciate the variety of instructors, all of whom are clearly experts and were both knowledgeable and approachable. Overall this was an excellent experience. Thank you!

Sincerely,

**Erika Keeton, P. E.**  
**Pavement Management Program Manager**  
**City of Fort Collins, CO**

The NCAT Scholarship program is a great opportunity for people in this field to be a part of. I got a lot out of the week long class. There was a lot of new information as well as refreshers for me on what I do every day. Being able to visit the test track and see all of the monitoring equipment they use to help predict what a pavement section might do is amazing. It was definitely worth going down there for the classes and hope other people will take the opportunity to go if they get a chance. Thank you for selecting me to attend.

**Heather A. Thom, P.E.**  
**Project Engineer**  
**Koehlein Consulting Engineers, Inc.**

# 2011 ASPHALT TECHNOLOGY SCHOLARSHIP PROGRAM

## Application/Letter of Interest

Colorado Chapter APWA/Colorado Asphalt Pavement Association



Applicant:

Organization:

Address:  City:  State:  Zip:

Letter of Interest: (This area must be completed by the applicant)

Letter of Recommendation: (This area must be completed by an agency supervisor/official or industry supervisor)

Contact information for the person writing the letter of recommendation:

Name:  Agency/Consultant/Contractor:   
Address:  City:  State:  Zip:

**NOTE: All areas must be completed for the application to be considered and processed. Separate letters can be submitted in lieu of completing this form.**