

Professor's Seminar

Program and Course Guide
June 8-11, 2009

The American Concrete Pavement Association
Education & Training





2009 Professor's Seminar

Design, Construction, and Rehabilitation of Concrete Pavements

The American Concrete Pavement Association (ACPA) Professor's Seminar is one of the most highly regarded sources of up-to-date information on concrete paving technology for professors, assistant professors, and other instructors in civil engineering, construction management, engineering technology, and related disciplines.

In response to strong demand, the ACPA Professor's Seminar returns in June 2009, but is available to a limited audience on a first-come/first-served basis.

This comprehensive, four-day program allows time for presentations and in-depth discussions about current technological advances in highway, airfield, roadway, and industrial/commercial pavements.

The program will include a wide array of information, covering design, construction, and rehabilitation. The course also will include group exercises and a specially-planned field trip to a nearby highway construction site.

WHO SHOULD ATTEND?

This course is designed to help university professors and other instructors help future engineers better understand basic concrete pavement design and construction procedures.

SEMINAR OBJECTIVES

The objectives of this seminar are to highlight current concrete pavement design, construction, and rehabilitation procedures, as well as to update attendees on the performance, economic benefits, and environmental features of concrete pavements.

The program provides a wealth of information that may be used as turn-key course materials that may be used in teaching.

COURSE MATERIALS

ACPA provides professors with a full range of instructional aids including teaching materials, lesson outlines, detailed presentations, background literature, and computer software programs, and more.

Participants receive PowerPoint presentations, design software, and several reference CD's covering relevant topics. In-class exercises will familiarize participants with the "inner workings" of the software programs.

This material is extremely useful in developing or expanding undergraduate and graduate courses for civil engineering and technology students.

DATE & TIME

The 2009 ACPA Professor's Seminar will be held from June 8 through 11 (Monday through Thursday). The seminar begins on Monday at 8 a.m. and will conclude at 3 p.m. on Thursday.

LOCATION

The ACPA Professor's Seminar will be held at the Hampton Inn & Suites Chicago-North Shore/Skokie, located at 5201 Old Orchard Road, Skokie, Illinois. (The hotel is located near the ACPA headquarters office.)

A block of rooms has been reserved for the seminar at the rate of \$109 per night (plus taxes). Please be sure to mention the ACPA room block or booking code "CHXACP" to obtain the special rate.

The hotel and course are about 45 minutes from O'Hare International Airport.



Continued on page 3

2009 Professor's Seminar

Design, Construction, and Rehabilitation of Concrete Pavements



WHAT TOPICS WILL BE COVERED?

Discussion topics will include:

- Application of the Mechanistic-Empirical Pavement Design Guide (M-E PDG), including both basic theory and software use.
- Municipal pavement design, featuring the mechanistically-based StreetPave software.
- Airfield pavement design.
- Concrete materials characterization and fundamentals of mix design, proportioning, and analysis.
- Quality assurance/quality control processes.
- Conventional and “fast track” construction techniques.
- Pavement evaluation, restoration strategies, methods, and performance.
- Concrete overlays.
- Sustainable development and environmental considerations.
- The Long-Term Pavement Performance (LTPP) program.
- The Concrete Pavement Roadmap (CP Roadmap) of proposed research for concrete pavements.

A detailed agenda will be provided to you as speakers and topics are confirmed. Confirmed topics will be featured on the ACPA website as speakers are confirmed.

SEMINAR FEE

The American Concrete Pavement Association and additional sponsors offset the majority of the costs for the Professor's Seminar. Participants pay only a course fee of \$195 (USD), which offsets a portion of the direct costs associated with guest speakers and handout materials.

SEAT SPONSORSHIP

Are you interested in sponsoring a university professor? Or, are you a university professor who needs assistance in obtaining sponsorship?

Space is extremely limited, so please contact Michael Ayers today. ACPA will assist participants in obtaining sponsorship to offset travel and incidental costs.

Although not guaranteed, sponsorship is generally provided through the generous donations of our ACPA Chapter/State network, regional cement promotion groups, and other sponsoring organizations in the cement and concrete industries.

REGISTRATION

Registration is fast and easy online. To register yourself or a sponsored professor, simple follow these simple steps



1. Visit our website at www.acpa.org.
2. Click on either the “Education & Training” icon or the “Bookstore” tab.
3. Find the “ACPA Professor's Seminar” in our online bookstore, and then, register yourself and/or another university professor or instructor.

NEED ASSISTANCE?

Contact Michael E. Ayers, Ph.D.
Director of Education for Design and Construction
American Concrete Pavement Association
5420 Old Orchard Road, Suite A100
Skokie, IL 60077
217.621.3438 | mobile
mayers@acpa.org

Register online at www.acpa.org/bookstore