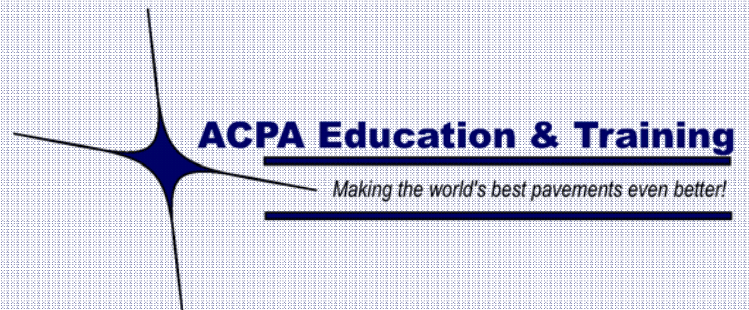


Concrete Pavements 101

Design, Construction, and Rehabilitation of Concrete Pavements



Provided by the
American Concrete Pavement Association
August 25-27 • Oakland, Calif.





Concrete Pavements 101

Design, Construction, and Rehabilitation of Concrete Pavements

U pdated again for 2008, this in-depth training course presents the theory and practice of designing, constructing, and rehabilitating concrete pavements, all with a focus on mechanistic-empirical pavement design guide, or M-E PDG.

The course is intended for engineers, technicians, laboratory personnel and others with a need for in-depth knowledge of concrete pavement technology. Both theory and practice are covered in this course, which also covers everything from basic definitions to the latest innovations in design and construction methods.

About Concrete Pavements 101

ACPA's Concrete Pavements 101 Course gives participants a working knowledge of the M-E PDG methodology and hands-on training with the M-E PDG software. Participants will receive training to select appropriate design inputs, perform the analyses, and interpret the results.

The course also includes: Construction operations; mix design; surface texturing; life-cycle costs; rehabilitation strategies & selection; concrete overlays; restoration techniques; and more!

— Day 1 —		— Day 2 —		— Day 3 —	
8:00 – 8:15	Introductions	8:00 – 8:15	General Discussion	8:00 – 8:15	General Discussion
8:15 – 9:00	Pavement Types and Design Features	8:15 – 10:00	M-E PDG Software Demonstration	8:15 – 9:15	Joint Design and Load Transfer
9:00 – 9:45	Evolution of Rigid Pavement Design	10:00 – 10:15	Break	9:15 – 10:00	Curing and Texturing Concrete Pavements
9:45 – 10:00	Break	10:15 – 11:00	Overview of Concrete Overlays	10:00 – 10:15	Break
10:00 – 10:45	AASHTO “93” Pavement Design Method	11:00 – 11:45	Overlay Design using WinPAS Software	10:15 – 11:45	Construction Operations
10:45 – 11:15	WinPAS Software Demonstration	11:45 – 12:45	Lunch	11:45 – 12:45	Lunch
11:15 – 12:00	StreetPave Pavement Design Method	12:45 – 1:45	Overlay Design using M-E PDG Software	12:45 – 1:30	Concrete Pavement Rehabilitation Strategies
12:00 – 1:00	Lunch	1:45 – 2:45	Comparison of AASHTO “93”, StreetPave and M-E PDG	1:30 – 3:00	Concrete Pavement Restoration
1:00 – 1:30	StreetPave Software Demonstration		StreetPave and M-E PDG Inputs and Results	3:00 – 3:15	Break
1:30 – 3:00	Introduction to M-E Design Principles		Break	3:15 – 4:00	Innovations in Concrete Pavement Design and Construction Course
3:00 – 3:15	Break	2:45 – 3:00	Concrete Properties and Mix Design	4:00 – 4:30	Evaluations and Wrap-up
3:15 – 4:00	Introduction to the M-E PDG	3:00 – 4:00	Question/Answer Session		
4:00 – 4:15	Question/Answer Session	4:00 – 4:15			

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Who should Attend?

Attendees typically include agency personnel, contractors, consultants, military personnel, university professors, and graduate students.

The Concrete Pavements 101 course is a must for state agencies preparing to ramp up a concrete pavement program or for those who need a just-in-time refresher prior to large-scale projects.

When and Where?

The next Concrete Pavements 101 Course August 25-27, Oakland, Calif.

Course Registration

The course fee for ACPA members is \$695.00 per participant, which includes WinPAS and StreetPave software, copies of all training materials, and selected ACPA publications covering all aspects of concrete pavement technology.

Payment is due at the time of registration. Payment may be made either by check or credit card. For payment instructions, please contact ACPA at 847-966-2272 for more information.

Hotel Registration

The course will be held at the Homewood Suites by Hilton (Oakland-Waterfront), located at 1103 Embarcadero, Oakland, Calif. For reservation information, please call 1-800-445-8667 or 510-663-2700. To secure the special room rate, be sure to mention "ACPA" at the time of the reservation.

The negotiated room rate is \$159/night for standard suites; \$179/night for studio suites. The rate includes complimentary breakfast in the morning and hot hors d'oeuvres in the evening. If you have questions or need more information, please call ACPA at 847-966-2272.

For government employees only!

Ask about our special rate for federal, state, and local government officials. For more information, contact Michael Ayers, PhD., at 217-621-3438 or by e-mail at mayers@pavement.com

Professional Development Hours

The course typically qualifies for 19.5 professional development hours (PDH's). Please check with your training department or local licensing board for applicability, as well as other details.

Additional Event Scheduled!

ACPA's training lineup for 2008 will feature one additional Concrete Pavements 101 session this year.

The date and location are November 12– 14 in Austin, Texas

Be sure to check the ACPA website at www.pavement.com for additional details and updates as they become available.



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REGISTRATION INFORMATION!

To register for Concrete Pavements 101, please visit our website at:
http://www.pavement.com/Events_and_Programs/Education_and_Training/CP101-template.html

Alternatively, you may complete and fax the following application to 847-966-9970.

Name: _____
Company or Organization: _____
Title or Position: _____
Address: _____
City: _____ State/Province: _____
ZIP/Postal Code _____
Phone: _____
Fax: _____
E-mail: _____

Check here if you would like to be notified of other ACPA Education & Training opportunities.

What is your primary responsibility with your company?

What are two or three topics in which you would like to receive webinar training?

For additional information, contact:
Michael Ayers, Ph.D.,
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American Concrete Pavement Association
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