

ACI/PCA 318-11 One Day Building Code Seminar

Crowne Plaza Hotel Pittsburgh International Airport

April 10, 2012

■ FREE PUBLICATIONS

Each attendee will receive publications worth \$345.00 free as part of the registration fee: ACI 318-11, Building Code Requirements for Structural Concrete and Commentary, worked example problems from PCA. "PCA Notes on ACI 318-08 and PCA Notes on ACI 318-11 Companion Publication" (Mailed to attendees free of charge when published).

■ SEMINAR OVERVIEW

Attend this seminar to learn the new Code provisions and how to implement them correctly in your day-to-day work. Instructors will explain each change, why it was made, and what it means to you as a designer and specifier of structural concrete.

■ FACULTY

Catherine E. French, PhD, FACI, FPCI, IT Distinguished Professor, Department of Civil Engineering, University of Minnesota. French received her B.C.E. degree from the University of Minnesota, and her M.S.C.E. and Ph.D. degrees from the University of Illinois.

Mahmoud Kamara, PhD, Senior Structural Engineer, Portland Cement Association, Skokie, IL. Mahmoud Kamara is PCA's senior structural engineer for engineered buildings. He is involved in developing technical publications and coordinating and conducting seminars.

For more detailed information on the faculty, go to www.concreteseminars.com.
ACI is not responsible for statements opinions expressed by instructors.

■ SEMINAR TOPICS

Specific topics covered in the seminar include the following:

- Design of adhesive anchors;
 - Failure modes and corresponding nominal strengths;
 - Requirements for testing and evaluation of adhesive anchors for use in both cracked and uncracked concrete;
 - Adhesive anchors subject to sustained loads;
 - Criteria for overhead adhesive anchors;
 - Seismic requirements for anchoring to concrete;
 - Installation and inspection of adhesive anchors;
 - Certification of adhesive anchor installers;
- Enhanced reinforcement detailing for seismic applications;
- New test methods for sulfate resistance;
- New deformed bars;
 - Grade 80 deformed bars (ASTM A615 and A706) for non-seismic applications;
 - Zinc and epoxy dual-coated reinforcing bars (ASTM A1055);
- Test records up to 24 months old to determine standard deviation for mixture proportioning;
- Testing agency performing acceptance testing concrete to comply with ASTM C1077;
- Detailing of circular column ties;
- Design and detailing of temperature and shrinkage reinforcement for post-tensioned slabs;
- Factored load combinations conforming with those of ASCE 7-10;
- Minimum reinforcement for deep beams
- Detailing for structural integrity
- Designing with strut-and-tie models; and
- Development length of headed bars.

■ SEMINAR TIMES

Registration for this seminar begins at 7:45 A.M. The seminar will be conducted from 8:00 A.M. to 5:00 A.M. Lunch will be from 12:00 – 1:00 pm. Continental breakfast, lunch, refreshment breaks, and a complimentary publication are included in your registration fee.

■ WHO SHOULD ATTEND

All structural engineers, specifiers, building officials, contractors, architects, and inspectors must be aware of to ensure they have kept up with the latest information in concrete design and construction.

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SEMINAR REGISTRATION:

3182PAS

Pittsburgh, PA- April 10, 2012

Seminar Location

**Crowne Plaza Hotel Pittsburgh International Airport
1160 Thorn Run Road
Coraopolis, PA 15108
412-264-5000**

Co-Sponsored by Pittsburgh Area Chapter ACI

FEES AND SIGN UP

\$597 Nonmember Registration Fee
\$457 ACI Members

\$125 Full-Time Students

Discounted student seminar fee is for full-time students only.
Include current proof of enrollment with your registration.

To qualify for the discounted ACI National Member Seminar Fee, please provide your ACI Member number next to each name.

CONTINUING EDUCATION CREDIT

Attendees receive 0.75 CEU's worth 7.5 PDHs .

Approved course provider for:

- American Institute of Architects (G115; 3181)
- Florida Board of Professional Engineers (Provider #0003855)
- Louisiana Professional Engineering and Land Surveying Board
- North Carolina Board of Examiners for Engineers and Surveyors

REGISTER TODAY!

Web: On the web www.concreteseminars.com
Mail: Member Services, PO Box 9094
Farmington Hills, MI 48333-9094
Fax: 248-848-3801 (24 hours a day)
Phone: Member Services, 248-848-3815 – 8:00-5:00 ET

Code: CHP

Name: _____ Registration Fee: \$ _____

Company: _____

Address _____ City, State, Zip _____

Phone: _____ Fax: _____ Email: _____

Registration fee includes complimentary copies of the publication listed in this flyer (worth \$345.00), continental breakfast, lunch, and coffee breaks. The registration fee does not include hotel accommodations, travel costs, or any other expenses.

Make checks payable to ACI, or charge to VISA MasterCard American Express

Account No.: _____ Expiration Date: _____

Charge to my ACI Member account- current ACI National Members only. Registration from all others must be accompanied by full payment, charged to a credit card, or reserved by government or company purchase order (ACI federal ID # is 38-0296490). All payments must be in U.S. funds and issued from a U.S. bank.

If you have a disability that requires special accommodations, please check here and append a statement regarding your disability-related needs. We cannot assure appropriate accommodations without adequate information and adequate advance notice, so please provide this information at least 14 days in advance of the seminar. You will be contacted prior to the seminar.

REFUND POLICY – Substitutions are accepted at any time. If your substitute qualifies at a different registration fee, a credit or surcharge may apply. If you cannot attend the seminar, please notify the ACI Seminar Registrar at 248-848-3815 immediately. If you notify us 7 or more working days before the seminar, we will refund your registration fee. If you notify us that you cannot attend within 3 to 6 working days before the seminar, we will issue you an ACI Credit for the full amount of your registration fee that you may redeem for any future ACI seminar, product, or service. If you notify us that you cannot attend less than 3 working days before the seminar date, we will issue you an ACI credit minus a \$75 administrative fee. In fairness to all attendees, confirmed participants who do not attend are liable for the entire fee unless we are notified in advance of the seminar date that you cannot attend. If ACI cancels a seminar due to insufficient enrollment, your registration fee will be refunded. ACI is not responsible for any incidental or consequential damages such as nonrefundable airfare.