

# TWO SEMINARS ON ONE DAY

## #1 DIRECT DESIGN OF MASONRY STRUCTURES

## #2 STRUCTURAL MASONRY DESIGN SOFTWARE 5.0

TUESDAY, AUGUST 9, 2011

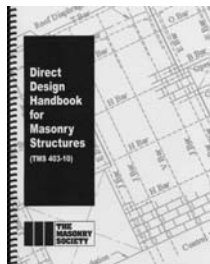


Sponsored by Pennsylvania Concrete Masonry Association.  
In cooperation with The Masonry Society  
and National Concrete Masonry Association



ENGINEERS - GET YOUR CREDIT HOURS BEFORE THE SEPT. 30TH DEADLINE!!

### DIRECT DESIGN OF MASONRY STRUCTURES



#### How to Design a Masonry Structure in 20 Minutes!

"TIME IS MONEY" AND THIS NEW METHOD WILL SAVE YOU BOTH TIME AND MONEY!!

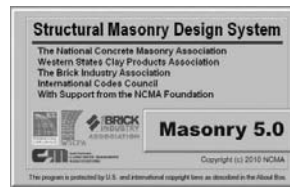
This seminar provides engineers, architects, building code officials, and contractors with more flexibility to easily and quickly design concrete masonry systems. A new structural design standard has been developed by The Masonry Society (TMS) titled Direct Design Handbook for Masonry Structures. This direct design procedure is a table-based structural design method that permits the user, by following a specific series of steps, to design and specify the vast majority of, concrete masonry bearing-wall structures in compliance with the 2008 MSJC Code and Specification, ASCE 7-05 (Supplement No. 1), and the 2009 International Building Code.

**FAST - CODE COMPLIANT - NO CALCULATIONS NEEDED EVERYTHING YOU NEED IS IN EASY TO READ TABLES MASONRY DESIGN MADE EASY, FAST AND ECONOMICAL.**



This program meets AIA/CES criteria for Continuing Education. Architects and Engineers will receive a certificate for 5.0 Unit Hours Health, Safety & Welfare for attending this event.

### STRUCTURAL MASONRY DESIGN SOFTWARE 5.0



This seminar will help you to understand unreinforced & reinforced masonry, shear walls, columns, design of reinforced concrete or masonry lintels, and valuable design fundamentals to

give your clients more economical designs. The Software, which will be given to each attendee, will help to reduce design time while comparing allowable stress and strength design options.

Each attendees will receive a copy of the software (worth \$279).

This latest version of the software includes:

- 2009 IBC and 2008 Version TMS402/ACI530/ASCE5 Increased Design Shear Provisions for special reinforced shear walls
- Axial load in calculation of cracking moment for deflection calculations
- User can select the type of shear wall (normal, intermediate, special reinforced)
- Lintel design (masonry and precast concrete), deflection & stirrups, more bar selections
- Clay masonry design
- Customize face shell and web thickness of CMU
- Combined Axial and Lateral Load Analysis
- The much more!



This program meets AIA/CES criteria for Continuing Education. Architects and Engineers will receive a certificate for 3.0 Unit Hours Health, Safety & Welfare for attending this event.

**Seating is limited - reservations on a first come first served basis. Register NOW.**

**Cancellations will be accepted up to 5 days prior to the event without penalty. Refunds will not be given for "no shows."**

Please contact PCMA Executive Director Jan Boyer with any questions at 717-279-6346 or [jboyer@pacma.com](mailto:jboyer@pacma.com)

**Deadline for registration is August 1, 2011.**

# TWO SEMINARS ON ONE DAY

## #1 DIRECT DESIGN OF MASONRY STRUCTURES #2 STRUCTURAL MASONRY DESIGN SOFTWARE 5.0

TUESDAY, AUGUST 9, 2011

### LOCATION:

**Centre Region Council of Governments Building**  
2643 Gateway Drive - Conference Room  
State College, PA 16801

### PRESENTER:

**Jason Thompson**, VP of Engineering, National Concrete Masonry Association and one of the developers of this new Direct Design Technique and Structural Masonry Design Software.

*Seating is limited - reservations on a first come first served basis.  
Please register by August 1, 2011.*

### TIME:

**7:30 AM - 8 AM** - Registration  
**8 AM - 1 PM** - Direct Design Seminar  
Lunch - *(included with full day & half day registrations)*  
**2 PM - 5 PM** - Structural Masonry Design Software Seminar

### COST TO ATTEND:

**\$150 - Direct Design Seminar only** - Includes Seminar, New Direct Design Manual, lunch & refreshments.  
**\$225 - Structural Masonry Design Software Seminar only** - Includes Seminar, Structural Masonry Design System Version 5.0 Software, lunch & refreshments.  
**\$300 - Attend Both Seminars - Full Day**  
*(Save \$75 when you attend both seminars)*

PCMA • PO Box 4, Lebanon, PA 17042 • Phone 717-279-6346 • Fax 717-272-5147 • [jboyer@pacma.com](mailto:jboyer@pacma.com)

## REGISTRATION FORM

### DIRECT DESIGN OF MASONRY STRUCTURES & STRUCTURAL MASONRY DESIGN SOFTWARE 5.0

AUGUST 9, 2011 \_\_\_\_\_ SEMINARS \_\_\_\_\_ STATE COLLEGE

**Registration Deadline August 1, 2011**

*One form per person (make additional copies as needed).*

Name \_\_\_\_\_ Best Phone for Contact \_\_\_\_\_

Company/Organization Name \_\_\_\_\_ Email \_\_\_\_\_

Company Address \_\_\_\_\_

REGISTRATION	EACH	TOTAL
BOTH SEMINARS - FULL DAY	\$300	
DIRECT DESIGN OF MASONRY STRUCTURES SEMINAR <i>(morning only)</i>	\$150	
STRUCTURAL MASONRY DESIGN SOFTWARE 5.0 SEMINAR <i>(afternoon only)</i>	\$225	
<i>(Save \$75 when you register for the full day of both seminars)</i>	<b>TOTAL</b>	

PLEASE INDICATE ONE OF THE FOLLOWING:

Engineer       Architect       Code Official       Student       Faculty       Other

*Checks should be made payable to PCMA. Send this registration form and check to: PCMA • PO Box 4 • Lebanon, PA 17042*

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