



E D U C A T I O N P R O G R A M

C O C M S P R I N G 2 0 0 7

Code Officials Conference of Michigan

International Code Council Chapter 1997
"The First"

*A professional organization dedicated to building code enforcement
profession in the State of Michigan. We provide our membership
with premier learning opportunities to increase professionalism
through educational conferences. We promote proper
administration and enforcement of the state building codes...*

for the good of the public.

APRIL 2ND – APRIL 5TH 2007
LANSING RADISSON, LANSING MICHIGAN

WWW.COCM.ORG

News and Information

A Letter from the President...

Dear COCM Members,

On behalf of the Board of Directors, I would like to invite you to our Spring Conference held at the Lansing Radisson Hotel, Lansing, Michigan. The Education Committee has worked hard to bring you another excellent educational training program. The Tuesday and Wednesday programs will offer a variety of educational opportunities, allowing you to choose the appropriate program for your needs. Also, several of you have requested and received packets of information regarding the ICC Certification process and sample questions allowing you to “dig” into the Code. As you may be aware, a testing facility is located in Lansing and you may want to consider taking a certification test during your visit in Lansing during the course of this Conference.

The COCM Board of Directors is again paring the conference fees for this Spring Conference to a minimum, allowing your jurisdiction a great value for the training dollars they will spend.

The materials for registration and room reservations are included in this packet. Please make your reservations with the hotel no later than March 2nd, to assure your room is available when you get to Lansing. For further information on the Lansing Radisson, you may visit their web site <http://www.radisson.com/lansingmi> Have a safe winter, and we look forward to seeing you at the Conference!!

Thomas E. Baldwin, CBO
COCM President

Project H.E.R.O.

H.E.R.O. stands for Homes Eliminated of Restrictions and Obstacles, and is a grass roots, volunteer-based initiative founded by the International Code Council Foundation (ICC Foundation) and a coalition of caring and patriotic organizations to help our disabled American veterans. Project H.E.R.O. combines the expertise of building safety officials, design professionals, contractors, veterans' service organizations and others within a community for a worthy cause - independence for disabled veterans. By making the disabled veteran's home accessible, the initiative will strive to increase independence, improve personal mobility and make it easier for the veteran to accomplish everyday tasks. The Project H.E.R.O. website: <http://www.icc-foundation.org/projects/HERO/index.html>.

Upcoming Events

- ✓ Building Safety Week May 6th -12th, 2007
- ✓ Region V meeting May 20th, 2007, check the Region V website for agenda and details.
- ✓ ICC Code Forum May 18-26, 2007
Rochester, New York
- ✓ COCM quarterly business meeting June 4th, 2007
- ✓ COCM Fall Educational Conference
September 10th -13th, 2007 Crystal Mountain
- ✓ ICC Annual Conference September 30-
October 4th Reno, Nevada

Code Officials Conference of Michigan Board of Directors 2006

President: Thomas Baldwin

Chief Building Official, Benton Charter Township

First Vice President: Dale Stevens

Building Inspector, Benton Charter Township

Secretary: Bill Benoit

Building Director/Fire Chief, Charter Township of Oakland

Treasurer: Tim McGladdery

Building Inspector, City of Walker

1st Director: Scott McDonald

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2nd Director: Gerry McCallum

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Building Official, Lincoln Charter Township

4th Director: John Tisdale

Senior Building Inspector, State of Michigan

CODE OFFICIALS IN THE STATE OF MICHIGAN
BAKER COLLEGE CORPORATE SERVICES
PRESENTS

OPPORTUNITIES FOR HIGHER EDUCATION

- Successfully complete six courses to receive your
ASSOCIATE DEGREE
then
- Successfully complete an additional 16 courses to receive
your
BACHELOR OF LEADERSHIP DEGREE IN CODE
ADMINISTRATION
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Associate Degree and Bachelor Degree programs are offered in the traditional classroom format and online.

For details, link now to their web site at
www.corporate.baker.edu OR call Jim Kullman, Director at
810-766-4242.

Get your degree and move forward in your career!

Baker College is committed to the Code Officials of Michigan to promote and deliver quality, practical, and higher education programs.

SPRING 2007 EDUCATIONAL CONFERENCE AGENDA

Monday April 2, 2007

9:00 AM	Registration	
10:00 AM	Building Department Operations (early registrant bonus AM seminar) Program #13440 – 2(A)	Sue Dodson #571
1:00 PM	Welcome & Keynote Speaker	TBD
1:30 PM	Requirements of PA230 & Update Program # pending - 3(A)	Henry Green #001
5:00 PM	Fire Stopping of Thru. Penetrations and Joints #13059 - 2(S)	Richard Reeves #1498

Tuesday, April 3, 2007

7:30 AM	Registration	
<u>Capitol I & II --All day-- Tentative class room</u>		
8:00 AM	2006 IRC Performing Residential Plan Review Program # 13120 - 6(PR)	Marc Nard
*12:00 Noon	<i>Break for Provided Lunch & General Membership Meeting</i>	
<u>Capitol II - Tentative class room</u>		
8:00 AM	Accessibility Seminar Program # 13074 - 1(S) & 2(T)	Sally L. Jackson #1318
11:00AM	DEQ Asbestos NESHAP Regulations and Requirements Program # 13131 - 1(S)	TBD #
*12:00 Noon	<i>Break for Provided Lunch & General Membership Meeting</i>	
1:00 PM	Michigan Residential Green Building Program #13229 - 3(T)	Bruce Frost #1114
4:00 PM	TBD Program # - 1(?)	TBD
<u>Capitol IV - Tentative class room</u>		
8:00 AM	Commercial Energy Code Program # 13392 - 4(T)	Tim Mrozowski #1455
*12:00 Noon	<i>Break for Provided Lunch & General Membership Meeting</i>	
1:00 PM	Commercial Energy Code Program # 13392 - 4(T)	Tim Mrozowski #1455
<u>Michigan II & III - Tentative class room</u>		
8:00 AM	Wall Bracing: A Guide for Builders...Supplemental Info on Foam... Program # 13405- 2(T)	Jay Crandell
10:00 AM	Special Inspections What the Building Official Needs to Know Program # pending - 2(?)	James Standen #
*12:00 Noon	<i>Break for Provided Lunch & General Membership Meeting</i>	
1:00 PM	Wood Use and Recognition of Fire Treated Wood Products Program # pending – 4(?)	Joe Holland
4:00 PM	Smoke Protection at the Elevator Hoistway Door Program #13102 - 1(S)	Michael T. Wheeler #1609
5:00 PM	<i>Vendor Appreciation Social</i>	

SPRING 2007 EDUCATIONAL CONFERENCE AGENDA

Wednesday, April 4, 2007

- 7:30 AM Registration
- Capitol I & II --All day-- Tentative class room**
- 8:00 AM 2006 IRC Performing Residential Plan Review Marc Nard
Program # 13120 - 6(PR)
- Capitol III --All day--Tentative class room**
- 8:00 AM Basics of Wood Frame Construction -AFPA/AWC Robert Taylor
Program # pending - 7(S/T) Dennis Pitts
- Capitol IV - Tentative class room**
- 8:00 AM Connectors for Wood Construction Jerry Tuggle
#13455 - 3(S) #482
- 11:00AM TBD TBD
- *12:00 Noon *Break for Provided Lunch*
- 1:00PM "Structural Steel Construction Process" w/on-site tour Douglass Steel Tim Mrozowski
Program # pending Larry Kruth
- Michigan II & III - Tentative class room**
- 8:00 AM Communication Skills for Conflict Resolution Ellen Schippert
Program#13026 - 2(C) #1630
- 10:00 AM Blueprint Basics - What's Missing Ellen Schippert
Program # pending - 2(?) #1630
- *12:00 Noon *Break for Provided Lunch*
- 1:00 PM Communication Skills for Conflict Resolution Ellen Schippert
Program #13026 - 2(C) #1630
- 3:00 PM Treated Wood Update Kristen Owen
Program # 13383- 2(S) 1573
- 5:30 PM ***Retirement ICMA 1½ Presentation w/ pizza*** No credit Gordon Tiffany
- 6:00 PM MBC Fire Protection Systems (*evening bonus seminar*) Michael OBrian
Program # pending – 2 (T) #1268

Thursday, April 5, 2007

- 8:00 AM Radon-What is it & What to do About it Susan Hendershot
Program #13006 - 1(S) &1(T) #1218
- 10:00 AM Permit and Floodplain Requirements in State Code Donna Cervelli
Program # 13350 - 2(T) #1258
- 12:00 Noon Conclusion

SPRING 2007 EDUCATIONAL PROGRAM AND INSTRUCTOR INFORMATION

Wall Bracing: A Guide for Builders, Designers, and Plan Reviewers, with Supplemental Information on Appropriate Use of Foam.	<u>Jay Crandell, P.E. and S.E.</u> , manages, Applied Residential Engineering Services, an engineering consulting firm, West River, Maryland. Previously Jay worked at the NAHB Research Center where he led the research project on Continuous Sheathing Method. He then contributed as an author of the code language for section R602.10.5 in the 2000 IRC. Jay has conducted HUD funded research projects to assess damage resulting from hurricanes, earthquakes, and tornados. Jay has served on the IRC Code committees, currently serving on the ICC Ad-Hoc Structural Committee reviewing the IRC Wall Bracing section. Program overview: Understand how the proposed Amendment changes to the Michigan Residential Code will impact wall bracing and inspection: Review of accepted bracing methods and bracing materials, Strategy for code compliance of individual braced wall lines. Mixed bracing methods and why these may make sense for the builder. Proper strategies to mix bracing methods and meet code, Identify design conditions requiring custom bracing solutions
Permit & Floodplain Requirements in State Code	<u>Donna Cervelli</u> , MDEQ Floodplain Engineer, The program is a summary of the requirements and other recommendations for the local or county building Officials to administer an effective floodplain management program and the requirements in the State Building Code.
Michigan Residential Green Building	<u>Bruce Frost</u> , Central Michigan University Engineering and Technology Instructor, authority on residential and commercial building codes, named the 2001 Outstanding Educator of the Year by the National Association of Homebuilders. He is member of Green Built Michigan and a certified Green Build Rater. He is a Nationally Certified Mediator and Arbitrator for the Construction Industry. He also provides professional witness services for construction industry lawsuits.
Legislative Update/Construction Codes	<u>Henry Green</u> , Director, Michigan Bureau Construction Codes, Immediate Past President of ICC, In 1989 Henry was appointed Executive Director of the Bureau of Construction Codes and Fire Safety. He has worked in the bureau for over twenty years serving as a building inspector, Chief of the Barrier Free Design Division, Chief Building Inspector and as Deputy Director before assuming his current role. Henry serves as a member of the Board of Directors of the National Institute of Building Sciences, recently completing a term as Chairman of the Board of Directors in 2004. He has also served on the Building Officials and Code Administrators (BOCA) Board of Directors for ten years, serving as President in 1997. Program overview: an update of legislative issues and bureau information relating to the construction industry, specifically to those enforcing the State Construction Code.
Radon-What is it & What to do About it	<u>Susan Hendershot</u> , Indoor Radon Specialist, Radiological Assessment Unit, MDEQ the program designed increase participant's knowledge of radon and to enhance your efforts to implement radon-resistant construction MRC Appendix F.
Wood Use and Recognition of Fire Treated Wood Products	<u>Joe Holland</u> , Hoover Treated Wood Products, Inc, Traveling from Florida to deliver this program intended to enhance knowledge of the participant for recognition and use of fire treated wood products. Hoover, since 1955, supplies a comprehensive portfolio of pressure-impregnated kiln-dried lumber and plywood products for fire retardant and preservative applications. Hoover has five company-owned treating facilities, conveniently located to service a 100-member stocking distributor network covering the USA and Canada.
Commercial Energy Code	<u>Tim Mrozowski AIA</u> , Professor, Construction Management Program at Michigan State University has developed a Michigan commercial energy code training targeted to Building Officials, Inspectors, Engineers, Architects, Contractors, Subcontractors and Suppliers. Program overview: Compliance with the Michigan Energy Code for Commercial Buildings. The training is based on ASHRAE 90.1 -1999, but also includes discussion of some of the changes in the ASHRAE 90.1 (2004). The program includes presentations of envelop, lighting and HVAC requirements, as well as compliance forms and ComCheck EZ compliance software. With additional speakers: William Bezdek, P.E. and Marcus Metoyer, Jr.
2006 IRC Performing Residential Plan Review	<u>Marc Nard</u> , CBO, is a Senior Technical Staff member in the Codes and Standards department at ICC. In this position he is responsible for new code changes being processed and posted to the proper parliamentary procedures and provides written and verbal technical interpretations on all International Codes. Marc is the secretary for the development of the International Residential Code and the ICC Standard on the Design and Construction of Log Structures. Marc develops and reviews class materials and is responsible for teaching a variety of topics including the building code, residential code, fire code, plumbing code, mechanical code, electrical code, existing building code and non-structural and residential plan review and the property maintenance code. Marc is a Certified Building Official, certified in all aspects of 1 & 2 Family Residential (NCPCCI), certified in Building, Plumbing, Mechanical and Electrical Commercial (NCPCCI) and certified in Property Maintenance (ASI). Marc was a building official, a volunteer fireman, an EMT, and a Hazardous Materials Team Member in the States of Indiana and Michigan for 10 years prior to coming to work for BOCA, now ICC.
Fire Stopping of Thru. Penetrations and Joints.	<u>Richard Reeves</u> , Hilti Inc. Richard has been teaching Firestop, and UL applications to contractors and code officials for over 7 years. Prior to Hilti, he worked for 15 years training in OSHA related courses, from employee Right-to-Know, Waste Minimization and Train-the-Trainer for Crisis Management. He is continuing Hilti's vision of "saving lives thru education". This presentation will cover highlights of the following topics: Fire Statistics, Fire Safe Building Construction, Overview of Codes, Test Methods, Engineering Judgments, Firestop & Liability, Understanding UL Systems, Poor Firestop Installations' Good Firestop Installations, and Future Trends in Firestopping.
Building Department Operations	<u>Sue Dodson</u> , Building Director City of Westland, Washtenaw Community College Instructor, WCC - Continuing Education Board. This course is an overview of Operations of the Building Department, Department Structure, Major changes through the years, Who do we deal with?, Organizational Tragedies, Four Step Method - dealing with people, Skills for dialogue, On the job violence.
Communication Skills for Conflict Resolution	<u>Ellen Schippert</u> , Architect, Schippert & Associates LLC, nearly 20 years working various project types. For 10 years she has focused on churches and consulting. Ellen leads congregations through a process that includes evaluating current needs, providing education/formation events in relationship to those needs, and doing architectural design. She leads workshops on communication and conflict resolution.

SPRING 2007 EDUCATIONAL PROGRAM AND INSTRUCTOR INFORMATION

Basics of Wood Construction	<p>Robert Taylor, PhD, P.Eng., Assoc. AIA, and Dennis L. Pitts American Forest & Paper Association American Wood Council This seminar is a general overview of wood frame provisions in the International Residential Code (IRC) and the International Building Code (IBC), and includes recommendations for inspection of wood I-joists and trusses. Learn about conventional construction: characteristics of wood and the effects of moisture; grading and grade marks; protection against decay and termites; IRC requirements for fireblocking, floor, wall, and roof framing, span tables, wall bracing; and general recommendations for the inspection of wood I-joists and metal plate connected trusses. In addition, general requirements of the IBC will be covered for: allowable height and area, wood in noncombustible buildings, fire resistance ratings, flamespread, and fundamental structural considerations. Get introduced to the concept of design values and adjustment factors in the NDS and the requirements of IBC Chapter 23, including lateral force resisting systems. The learner will be able to apply this knowledge on the conclusion of this seminar. A comprehensive information package and seminar completion certificate is provided each participant. Attendees are also encouraged to bring the 2001, or 2005 NDS, and 2001 Wood Frame Construction Manual to the seminar site. Special discounts for these publications (25% off) are available to those attending the seminar should they wish to upgrade their library.</p>
Fire Stopping of Thru. Penetrations and Joints.	<p>Richard Reeves, Hilti Inc. Richard has been teaching Firestop, and UL applications to contractors and code officials for over 7 years. Prior to Hilti, he worked for 15 years training in OSHA related courses, from employee Right-to-Know, Waste Minimization and Train-the-Trainer for Crisis Management. He is continuing Hilti's vision of "saving lives thru education". This presentation will cover highlights of the following topics: Fire Statistics, Fire Safe Building Construction, Overview of Codes, Test Methods, Engineering Judgments, Firestop & Liability, Understanding UL Systems, Poor Firestop Installations' Good Firestop Installations, and Future Trends in Firestopping.</p>
Structural Steel Construction Process	<p>Tim Mrozowski AIA, Professor, Construction Management Program at Michigan State University. This program will be in conjunction with a tour of Douglass Steel, a Lansing area steel fabrication facility. Larry Kruth PE, Director of Safety will provide a presentation on "BIM" Building Information Modeling, cutting edge technology taking designing to the next level. Tim will explore the components of a typical 4 story steel structure, the connections, bolted, welded and alike. This will require bus travel to Douglass Steel, a boxed lunch will be provided.</p>
Smoke Protection at the Elevator Hoistway Door	<p>Michael Wheeler, Smoke Guard, Inc. Mr. Wheeler has been in the specialty building products industry for 23 years, he has made over 200 one-hour AIA/CES presentations and over 60 five-hour presentations, a member of the Construction Specification Institute w/certification as a Certified Document Technologist (CDT). Program Overview: Vertical smoke migration in multi-story buildings, Model building code requirements, specifically IBC, Architectural options to meet code requirements, Project installations.</p>
MBC Fire Protection Systems	<p>Michael O'Brian, Staff Lieutenant, Farmington Hills, MI. with primary duties as a training officer. President Code Savvy Consultants, A municipal plan review and consulting company assisting local unit of government in new construction. Furthermore, Mr. O'Brian is the creator of www.inspector911.com an information portal and resource for inspectors throughout the nation. Mr. O'Brian holds numerous NFPA, ICC, and State certifications and was named "Inspector of the Year" by the Detroit Fire Inspectors Society in 2004 and the Michigan Fire Inspector Society in 2005.</p>
IMCA Retirement presentation	<p>Gordon Tiffany, Gordon Tiffany is the Director of Financial and Retirement Education for the ICMA Retirement Corporation. He resides in Vancouver, Washington. He was a City Manager and County Administrator for the two decades prior to joining the ICMA staff in 1991. Gordon is a Certified Financial Planner (CFP®) and a Certified Fund Specialist (CFS), and holds Bachelors & Masters of Public Administration. He holds series NASD 6, 63, 65 and 26 registrations. A frequent speaker on public employee financial and retirement planning matters at national and state conferences; Gordon is the author of the ICMA Retirement Corporation's retirement planning workbook, Charting Your Course: A Retirement Planning Guide for Public Sector Employees as well as numerous articles on public employee financial and retirement planning. His work has appeared in EMPLOYEE BENEFITS JOURNAL, GOVERNMENT FINANCE REVIEW, MONEY MAGAZINE, KIPLINGER RETIREMENT NEWSLETTER and other of publications directed to public employees. He has been a guest on the CNNfn program, YOUR MONEY.</p>
Special Inspections What the Building Official Needs to Know	<p>James Standen PE, Consulting Engineer, ICC certified Special Inspector. The program is designed to provide attendees with a better understanding of Michigan Building Code, Chapter 17 Special Inspections. Outlines the requirements for inspections and an overview of who may perform special inspections</p>
Accessibility Seminar	<p>Sally Jackson, Gil Allen Lasco Products Lasco Bathware is a division of Tomkins Industries, a world-class global engineering group. Lasco is the largest manufacturer of bathing fixtures in the nation supplying one-fourth of all bath fixtures sold annually in the United States. This program overview of accessibility requirements with a focus on plumbing fixtures.</p>
DEQ Asbestos NESHAP Regulations Requirements	<p>Karen Kajiya-Mills, Guidelines to aid the regulated community in meeting the notification requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP) those programs administered by the Michigan Department of Environmental Quality</p>
Connectors for Wood Construction	<p>Jerry Tuggle, Simpson Strong-tie, 30 years in the building products and construction industry. 15 Years, Simpson Strong-Tie Company, Providing training to Building Inspectors, Architects, Structural Engineers as well as Dealers and Distributors of Simpson Strong-Tie products throughout Michigan. This training focuses on code requirements particularly continuous load path requirements and solutions to satisfy these requirements at all stages. From foundation through floor and walls to the roof connections, creating a stronger, safer structure.</p>

REGISTRATION AND COURSE SELECTION FORM

REGISTER EARLY. Registration Discount Deadline is FRIDAY, MARCH 16, 2007. A separate registration form is required for each participant. Please print or type the following exactly as you would like it to appear on your name badge.

NAME: _____ Act 54# _____

REPRESENTING: _____

PHONE: () _____ EMAIL: _____

MAILING ADDRESS: _____

Telephone (248) 882-2633 or Email: irosati@oaklandtownship.org

FEE CALCULATION (CHECKS ONLY) AND COURSE SELECTION – MARK THE APPLICABLE BOXES

Attendance	Payment received <u>by</u> 3/16/07	Payment received <u>after</u> 3/16/07	Amount enclosed for this individual
Full conference	<input type="checkbox"/> \$200	<input type="checkbox"/> \$225	\$
Per Day rate----	<input type="checkbox"/> \$100 Includes lunch on Tuesday or Wednesday		

MAIL TO: CODE OFFICIALS CONFERENCE OF MICHIGAN 4393 Collins Rd Rochester, MI 48306
Full payment must accompany registration form(s). Checks are the ONLY form of acceptable payment.

PLEASE CHECK THE BOXES BELOW FOR THE CLASSES YOU ARE REGISTERING FOR

DAY ONE – MONDAY, APRIL 2, 2007	
<input type="checkbox"/> Building Department Operations (early bird session) <input type="checkbox"/> Requirements of PA230 & Update	<input type="checkbox"/> Firestopping thru penetrations and joints (evening session)
DAY TWO – TUESDAY, APRIL 3, 2007	
<input type="checkbox"/> ICC Residential Plan Review <input type="checkbox"/> Michigan Residential Green Building <input type="checkbox"/> Commercial Energy Code <u>AM</u> session <input type="checkbox"/> Commercial Energy Code <u>PM</u> session <input type="checkbox"/> Special Inspections What the Building Official Needs to Know	<input type="checkbox"/> Wood Use and Recognition of Fire Treated Wood <input type="checkbox"/> Wall Bracing: A Guide for Builders, Designers, Plan Reviewers <input type="checkbox"/> Smoke Protection at the Elevator Hoistway Door <input type="checkbox"/> Accessibility Seminar <input type="checkbox"/> DEQ Asbestos NESHAP Regulations and Requirements
DAY THREE – WEDNESDAY, APRIL 4, 2007	
<input type="checkbox"/> ICC Residential Plan Review <input type="checkbox"/> Basics of Wood Construction <input type="checkbox"/> Steel Structures <input type="checkbox"/> Communication Skills for Conflict Resolution <u>AM</u> session <input type="checkbox"/> Communication Skills for Conflict Resolution <u>PM</u> session	<input type="checkbox"/> Connectors for Wood Construction <input type="checkbox"/> Blueprint Basics <input type="checkbox"/> MBC Fire Protection Systems (evening session) <input type="checkbox"/> Treated Wood Update <input type="checkbox"/> IMCA Retirement Evening Session
DAY FOUR – THURSDAY, APRIL 5, 2007	
<input type="checkbox"/> Radon-What is it & What to do about it. <input type="checkbox"/> Permit and Floodplain Requirements.	

►► Call the RADISSION for Reservations: (888) 201-1718 US, local: (517) 482-0188 Fax: (517) 487-6646 ◀◀
When calling, be sure to reference *COCM Educational Conference* for available room rates of \$99.00