



#ICCSpringInterchange

## Sessions

Education sessions take place Sunday, April 30 – Wednesday, May 3, in Tampa Bay, FL.

Grow your knowledge and expertise with the most comprehensive building safety education sessions. See below for [session times](#), [descriptions](#) and [instructor bios](#). *Education sessions will be on a first-come first-serve basis, be sure to arrive early to ensure a seat.*

### ICC CEUs/PDHs

ICC Continuing Education Units (CEUs) are available to help maintain or move forward to your next ICC certification.

The Architect, Designer, and Engineer – Track 5 offers Professional Development Hours (PDHs) and ICC CEUs.

*Florida CEUs are not available. The When Disaster Strikes education session is pending Florida CEU approval.*

### Certification Exams

There will be a certification exam session, Wednesday, May 3, 5–9 pm. You can purchase a Pronto voucher or Bring Your Own Device (BYOD) for the B1 and B2 exams when you register for this event.

Track	Sunday   Apr. 30	Monday   May 1	Tuesday   May 2	Wednesday   May 3
Track 1 Code Training		8 – 10 am <b><u>2021 PMG Update</u></b> <i>Jim Cika</i>  10 am – Noon <b><u>2021 IECC Update</u></b> <i>Jerica Stacey</i>  1 – 5 pm <b><u>2021 IBC, IRC, IFC Update</u></b> <i>Doug Thornburg, Terrell Stripling</i>	8 am – 5 pm <b><u>When Disaster Strikes</u></b> <i>David Troxell</i>	8 am – Noon <b><u>NEC Code Changes</u></b> <i>IAEI</i>  1 – 5 pm <b><u>2024 IBC, IRC, IFC Sneak Peek</u></b> <i>Jay Woodward, John Gibson</i>

Track	Sunday   Apr. 30	Monday   May 1	Tuesday   May 2	Wednesday   May 3
Track 2 B1 Certification Academy	2 – 5 pm <u>Opening Session &amp; Training</u>	8 am – 5 pm <u>2021 B1 – Residential Building Inspector Certification Test Academy</u> <i>John Gibson, Tim Ryan</i>		
Track 3 B2 Certification Academy		8 am – 5 pm <u>2021 B2 – Commercial Building Inspector Certification Test Academy</u> <i>Terrell Stripling, George Mann</i>		
Track 4 Plan Review Institute		8 am – 5 pm <u>2021 Plan Review Institute</u> <i>Mike Molyneux, John Gibson, Rich Truitt</i>		
Track 5 Architect/ Designer/ Engineer		8 am – Noon <u>Surfside, Florida Building Collapse of June 2021 and ACI 318 Building Code Requirements for Structural Concrete</u> <i>Dr. S. K. Ghosh, PhD.</i>	8 am – Noon <u>2021 IBC Fire-Resistance- Rated Walls</u> <i>Jay Woodward</i>	8 am – Noon <u>2021 IBC Accessibility and the A117.1-17 Standard</u> <i>Jay Woodward</i>
		1 – 3 pm <u>An Overview of Changes from ACI 318-14 to ACI 318-19</u> <i>Dr. S. K. Ghosh, PhD.</i>	1 – 5 pm <u>2021 IBC Means of Egress</u> <i>Doug Thornburg</i>	1 – 5 pm <u>2021 IBC Occupancy Classification and Mixed Occupancies</u> <i>Doug Thornburg</i>
		3 – 5 pm <u>Ever-Changing Structural Provisions of Our Building Codes – Wind</u> <i>Dr. S. K. Ghosh, PhD.</i>		

## Session Descriptions



### Opening Session & Training

Join us for an opening session that includes a general training topic of interest to building safety professionals, updates from International Code Council leadership, and speeches from local dignitaries. Training included:

#### Developing Codes, Standards, and Guides: What's Changing in 2024 and How You Can Get Involved

The 2024 code development process is changing. Senior Vice President of Technical Resources Russ Manning will lead a session discussing what you can expect, the new timeline, and ways to get involved. The session will also cover standards and guide development and include a chance for you to ask questions of our technical code staff. Attendance is open to all ICC Spring Interchange participants.

*Sunday, April 30 | 2 – 5 pm*

### **2021 PMG Update**

This session introduces participants to the major changes from the 2018 IPC, IMC and IFGC to the 2021 IPC, IMC and IFGC. Participants will discuss how to apply code requirements to design, plan submittals and/or inspection.

*Monday, May 1 | 8 – 10 am | Jim Cika*

### **2021 IECC Update**

This session reviews key changes from the 2018 to the 2021 edition of the International Energy Conservation Code® (IECC®). The discussion will address changes to both the residential and commercial provisions of the IECC. The seminar will assist code officials, plans examiners, inspectors, and design professionals in identifying the specific code changes that have occurred and understanding the reasoning behind the changes.

*Monday, May 1 | 10 am – Noon | Jerica Stacey*

### **2021 IBC, IRC, IFC Update**

This session will identify important changes from the 2018 to 2021 editions of the International Building Code® (IBC®), International Residential Code® (IRC®) and International Fire Code® (IFC®). Participants will be presented with those changes that will most impact their use of the code when they apply the 2021 IBC, IRC or IFC.

*Monday, May 1 | 1 – 5 pm | Doug Thornburg, Terrell Stripling*

### **2021 B1 – Residential Building Inspector Certification Test Academy**

The B1 – Residential Building Inspector Certification Test Academy features expert instruction and includes interactive review exercises, practice exams and individual and group-based activities to help you get better prepared to take the exam. Throughout the academy you will be given an opportunity to answer questions that reference the exam resources.

Main Topics include: Code Administration, Building Planning, Footings and Foundations, Floor Construction, Wall Construction and Coverings, Roof/Ceiling Construction and Public Safety and Special Construction.

*Monday, May 1 – Wednesday, May 3 | 8 am – 5 pm | John Gibson, Tim Ryan*

### **2021 B2 – Commercial Building Inspector Certification Test Academy**

The B2 - Commercial Building Inspector Certification Test Academy features expert instruction and interactive review exercises, practice exams and individual and group-based activities to help you get better prepared to take the exam. Throughout the academy you will be given an opportunity to answer questions that reference the exam resources.

Main Topics include: General Administration, Building Planning, Footings and Foundations, Floor Construction, Wall Construction and Coverings, Roof/Ceiling Construction and Public Safety and Special Construction.

*Monday, May 1 – Wednesday, May 3 | 8 am – 5 pm | Terrell Stripling, George Mann*

### **2021 Plan Review Institute**

This institute will focus on the knowledge and skills necessary to perform a plan review referencing the 2021 International Residential Code® (IRC®) and the structural and nonstructural provisions of the 2021 International Building Code® (IBC®).

During the Plan Review Institute, you will learn to effectively perform structural, nonstructural and residential plan reviews and how to increase your efficiency in determining if a given set of plans and specifications complies with the applicable 2021 I-Codes.

*Monday, May 1 – Wednesday, May 3 | 8 am – 5 pm | Mike Molyneux, John Gibson, Rich Truitt*



## **Surfside, Florida Building Collapse of June 2021 and ACI 318 Building Code**

### **Requirements for Structural Concrete**

This seminar focuses on three main areas of improvement in the ACI standard for concrete design and construction and indicates how compliance with the enhanced requirements would have been beneficial to the performance of Champlain Tower South in Surfside, Fl. The 12-story condominium building, where 98 people were killed, was likely designed under the early or mid-1970s Florida Building Code and ACI 318-71 or ACI 318-77. Concrete durability, flat plate punching shear and structural integrity provisions of ACI 318 are critical areas of improvement that engineers, architects, and building officials must be familiar with for the safe performance of concrete buildings.

*Monday, May 1 | 8 am – Noon | Dr. S. K. Ghosh, PhD.*

### **An Overview of Changes from ACI 318-14 to ACI 318-19**

ACI 318-19, Building Code Requirements for Structural Concrete is the updated edition from the 2014 edition. Referenced in the 2021 International Building Code, the ACI 318, 2019 edition contains significant changes from the 2014 edition in areas such as structural integrity provisions for one-way Slabs, streamlined provisions for two-way slab design, modified shear design provisions for non-prestressed beams and one-way slabs, acceptance of the use of high-strength reinforcing bars, strength reduction factor modifications as impacted by the use of high-strength reinforcing bars up to Grade 100, strength evaluation of existing buildings and numerous other changes. The presentation will provide a general overview of select changes and will then go into an in-depth discussion on some of the significant changes. Experienced as well as beginner structural engineers and building officials will benefit from this unique presentation.

*Monday, May 1 | 1 – 3 pm | Dr. S. K. Ghosh, PhD.*

### **Ever-Changing Structural Provisions of Our Building Codes – Wind**

This seminar is about major, far-reaching changes in the wind provisions of U.S. codes and standards over the last three decades or so. This will include the very substantive changes in wind design provisions from ASCE 7-16 to ASCE 7-22, which are reflected in the IBC. This is a chance to review where we have been and gives us an appreciation of the present with the insight of someone who has long been intimately involved in the structural code development process. The major topics covered are:

- An Overview of the History and Development of Wind Provisions
- ASCE 7-16 to ASCE 7-22: Substantive Changes to Wind Design Provisions

*Monday, May 1 | 3 – 5 pm | Dr. S. K. Ghosh, PhD.*

### **When Disaster Strikes**

The ICC When Disaster Strikes Program is aimed at training and certifying qualified professionals to assist with performing Post-Disaster Building Safety Evaluations. It also discusses the NIMS credentialing process whereby properly trained and qualified Post-Disaster Building Safety Evaluators can be prequalified and rostered. By properly training and pre-qualifying a pool of individuals building officials are better able to jump start recovery.

*Tuesday, May 2 | 8 am – 5 pm | David Troxell*

### **2021 IBC Fire-Resistance-Rated Walls**

This session discusses the application of IBC Chapter 7 related to the construction and protection of rated walls. The topics covered include identifying the five types of walls and their differences, including construction, continuity, marking and identification, as well as the protection requirements for penetrations, joint systems, ducts and air transfer openings, door and window openings. Additional discussion will look at the test standards used to evaluate the wall and protection



systems, how to calculate the fire resistance for existing walls or archaic assemblies and the requirements for walls which serve multiple purposes.

*Tuesday, May 2 | 8 am – Noon | Jay Woodward*

### **2021 IBC Means of Egress**

This session addresses the fundamental concepts and provisions in the IBC pertaining to establishing a compliant means of egress system in buildings. The course deals with both the egress design and egress component provisions, with a focus on the exit access design requirements. Topics include the determination of occupant loads, egress distribution, common path of egress travel, egress illumination and exit signs, interior exit stairways, corridors and exit passageways.

*Tuesday, May 2 | 1 – 5 pm | Doug Thornburg*

### **NEC Code Changes**

This session will analyze major changes to the National Electrical Code (NEC®) for this code cycle, covering the most significant changes to the NEC. It will include interpretations by enforcers of the code. Bringing you illustrations that clearly identify each change and provides an explanation of the change.

*Wednesday, May 3 | 8 am – Noon | IAEI*

### **2024 IBC, IRC, IFC Sneak Peeks**

This fast-paced session will provide an introduction to a number of important code changes that are scheduled to be included in the 2024 editions of several International Codes. Key additions, revisions and modifications to the 2024 International Building Code® (IBC®), International Residential Code® (IRC®) and International Fire Code® (IFC®) will be presented in this early look at these three upcoming I-Code publications.

*Wednesday, May 3 | 1 – 5 pm | Jay Woodward, John Gibson*

### **2021 IBC Accessibility and the A117.1-17 Standard**

This session focuses on the general requirements for the construction of accessible commercial buildings and residential facilities for compliance with the IBC and ICC A117.1 Accessible and Usable Buildings and Facilities. It addresses the key issues involving the design, plan review and inspection of buildings and facilities to ensure that individuals with physical, visual or hearing impairments can use the facilities.

*Wednesday, May 3 | 8 am – Noon | Jay Woodward*

### **2021 IBC Occupancy Classification and Mixed Occupancies**

This session covers the key issues of the IBC regarding the proper classification of buildings based on use. In addition to an overview of the specific occupancy classifications, the discussion will include how to address buildings containing two or more occupancies. The three mixed-occupancy options of accessory, nonseparated and separated occupancies are presented along with examples that illustrate the proper application of the provisions.

*Wednesday, May 3 | 1 – 5 pm | Doug Thornburg*



## **Expert Instructor Bios**

Jim Cika



S. K. Ghosh, PhD



John Gibson, M.C.P.C.B.O., C.P.C.A.,  
C.E.M.



Jerica Stacey



Terrell Stripling



Doug Thornburg, A.I.A., C.B.O.



Richard Truitt



Jay Woodward





APRIL 29 – MAY 3, 2023  
GRAND HYATT | TAMPA, FL

## PAYMENT

\* = Required Field

### Attendee Information

**Reference Number**

70335193

**Email Address**

guinness111696@yahoo.com

**Prefix (Mr, Mrs, Dr etc)**

Mr

**First Name**

William

**Last Name**

Hawkins

**Job Title**

Code enforcement officer

**Company**

Madison County Board of Supervisors

**Address Line 1**

P.O. Box 608

**Address Line 2**

146 West Center Street 2nd Flo

**City**

Canton

**US State**

Mississippi

**Zip (Postal Code)**

39046

**Country**

United States

**Work Phone**

6018555634

	<b>Selection</b>	<b>Cost</b>
Attendee Category	Non Member Three Day Pass	\$ 850.00
Sub Category	2021 B1 – Residential Building Inspector Certification	
Opening Session (2pm-5pm)	Test Academy	
Building Safety Month Reception (6pm-8pm)	Yes, I will attend	
	Yes, I will attend	
	BYOD	\$ 246.50
		<b>Total \$ 1,096.50</b>

<b>Date</b>	<b>Transaction Type</b>	<b>Amount</b>
03/09/2023	Transaction Amount	\$ 1,096.50
	<b>Balance</b>	<b>\$ 1,096.50</b>

**Terms and Conditions**

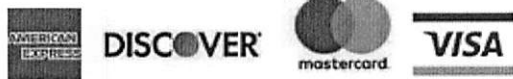
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Billing State/Province

MS

Billing Zip

39046

Billing Country

United States

### **Cancellation Policy**

All cancellation requests must be received in writing. Cancellations received prior to April 3rd will receive a full refund. Requests received between April 3rd - April 17 will be refunded, less a \$50 administrative charge. Cancellations received after April 17 will not be eligible for a refund.

By submitting your Registration, you are confirming you have read and agree to policies regarding refunds and cancellations.

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