

Agenda

Presented by Mark Matheny

Concept of Mixed Occupancies; Chapters 3, 5, 6, 9

They're everywhere, let's identify each space
It takes an understanding of many separate code chapters and sections
Can they all be under one roof? Some modification may need to be made

Definitions and Occupancy Classifications; Chapters 2, 3

Some important terms to understand
Use and Occupancy, are they the same?
Identify each building and space, even the ones you don't know
Occupancies and their subcategories

Understanding Concepts for Mixed Occupancies; Chapters 3, 4, 6, 7, 9

Live/work and other residential units
Building Construction Types, what does A and B mean?
Compartmentalization and fire protection systems

Allowable Height and Area for Mixed Occupancies; Chapter 5

How tall can a building be?
How many stories are allowed?
Square foot per story, what affects the area of a building

Three Considerations of Mixed Occupancy; Accessory, Non-Separated, Separated; Chapters 5, 9

Ancillary and limited in size
Can you really do that?
Any one or a combination of all three

Application of the Mixed Occupancy Methods; Chapters 3, 5, 6, 7, 9

4 steps to consider on all mixed occupancies
Strip mall situation
A-3 with mixed use
Additional examples, questions and answers

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Understanding Mixed Occupancies under the IBC

Live, Interactive Webinar - Thurs., February 4, 2021

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Learning Objectives

You'll be able to:

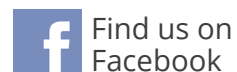
Identify situations that give rise to mixed occupancies, and identify building code provisions that apply to mixed occupancies.

Distinguish between the use and occupancy of a building, and determine the consequences of each regarding code compliance.

Identify issues that arise with mixed occupancies in which buildings are being used for commercial and residential purposes.

Determine the maximum height and area for buildings that are mixed occupancies.

Apply the Code's provisions on mixed occupancies to real world situations, such as strip malls and buildings classified as A-3 with mixed use.



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HalfMoon Education Online Learning Understanding Mixed Occupancies under the IBC

Live, Interactive Webinar - Thursday, February 4, 2021



Discuss the concepts of mixed occupancies and explore separate code chapters

Examine definitions and occupancy classifications

Explore building construction types and discuss the differences between A and B

Identify three considerations of mixed occupancy: accessory, non-separated and separated

Examine the four steps to consider on all mixed occupancies

Continuing Education Credits

Professional Engineers

7.0 PDHs

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International Code Council

.7 CEUs (Building)



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Faculty



Mark Matheny *Chief Building Official, City of Asheville, North Carolina*
Mr. Matheny has been a building safety official for 20 years and was previously a certified general contractor. He is an adjunct instructor at Asheville Buncombe Community College, and he is certified through the state of North Carolina to teach standard certification courses and continuing education. Mr. Matheny holds North Carolina certifications as a code official in building, mechanical, electric, and plumbing. He holds International Code Council (ICC) certifications in building. Mr. Matheny has been providing training throughout North Carolina, South Carolina and Tennessee, since 2008. He is the president of ICC Region 8, and immediate past president of the North Carolina Building Inspectors Association and the North Carolina Council of Code Officials. Mr. Matheny is a governing member of ICC Building Membership Council, and he is chair of the Community Building Best Practices and Innovation Subcommittee.

Webinar Information

Log into Webinar 8:00 - 8:30 am EST	Break 12:10 - 12:40 pm EST
Morning Session 8:30 am - 12:10 pm EST	Afternoon Session 12:40 - 4:20 pm EST

Tuition
\$289 for individual registration
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Additional Learning

Structural Forensic Engineering - Wed., Jan. 13, 2021 10:00 am - 1:45 pm CST - Thurs., Jan. 14, 2021 10:00 am - 1:45 pm CST	Structural Design Loads under the ASCE 7 Standard - Fri., Jan. 22, 2021 8:30 am - 5:00 pm CST
Practical Site Engineering: Science & Techniques - Thurs., Jan. 14, 2021 11:00 am - 3:15 pm CST - Fri., Jan. 15, 2021 11:00 am - 2:15 pm CST	Designing for Accessibility under ADA Standards and the IBC - Mon., Jan. 25, 2021 11:00 am - 2:45 pm CST - Tues., Jan. 26, 2021 11:00 am - 2:45 pm CST
Commercial Provisions of the IECC - Thurs., Jan. 14, 2021 11:00 am - 3:30 pm CST - Fri., Jan. 15, 2021 11:00 am - 2:00 pm CST	Seismic Design and Construction in the Eastern U.S. - Tues., Jan. 26, 2021 7:30 am - 4:00 pm CST
High-Performance Building Envelopes: Designing for Energy Efficiency and Durability - Wed., Jan. 20, 2021 11:00 am - 2:45 pm CST - Thurs., Jan. 21, 2021 11:00 am - 2:45 pm CST	Project Management Fundamentals for Engineers - Tues., Jan. 26, 2021 8:30 am - 4:00 pm CST
Complying with Fire Protection and Building Codes - Fri., Jan. 22, 2021 8:30 am - 5:00 pm CST	International Building Code 2021 - Tues., Jan. 26, 2021 10:00 am - 2:30 pm CST - Wed., Jan. 27, 2021 10:00 am - 1:30 pm CST
Engineered Lumber Design and Construction - Fri., Jan. 22, 2021 8:30 am - 5:00 pm CST	Basics of Structural Steel - Wed., Jan. 27, 2021 9:00 am - 5:00 pm CST
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Continuing Education Credit Information

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The American Institute of Architects Continuing Education System has approved this course for 7.0 LU | HSW (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

Engineers and architects seeking continuing education credit in other states will be able to claim the hours earned at this webinar, in many cases. Refer to specific state rules to determine eligibility.

The International Code Council has approved this event for .7 CEUs in the specialty area of Building (Preferred Provider No. 1232).

Completion certificates will be awarded to participants who complete this event, respond to all prompts, and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

Registration

Understanding Mixed Occupancies under the IBC
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