

Becoming a Building Science Expert

September 25, 2025

8:30 a.m. – 11:00 a.m.

Energy Code Mastery (IECC 2024)

October 23, 2025

8:30 a.m. – 11:00 a.m.



Zoom Webinar

Class Compliments of



Delivering water and power™

**ICC CEUs
Available!**

Becoming a Building Science Expert

[CLICK HERE](#) to register for class

This class will provide a foundational understanding of the basics of building science, helping you to become more expert in your knowledge of how buildings work "as a system." When finished, you will not only think differently about how to design, build, and inspect homes... but also about your own home!

What we'll be covering:

- Heat flow basics.
- Why insulation must be in contact with an "air barrier" in order to work.
- The importance of not just "building tight", but also "ventilating right".
- Why bedroom door(s) slamming shut when the air conditioner/heater turns on means you've got a potential problem larger than you might think.
- How to ensure that all the basics of good building science are correctly implemented in a building, every time.

Energy Code Mastery (IECC 2024)

[CLICK HERE](#) to register for class

This class provides a user-friendly look at the key elements of the latest version of the IECC released for 2024, with short detours into the new 2024 IRC, so attendees will leave feeling much more confident designing, building, and inspecting to the latest code requirements.

What we'll be covering:

- An overview of the key updates to the IECC (and IRC) added to the 2024 versions.
- Pathways to comply with the IECC.
- Specific requirements in cold versus hot climates.... and climate zones in between.
- Energy efficiency tests & inspections called for in the IECC, why they're important, when they are required (and when not), and who can, and probably should, be doing them for your project.

After registering, you will receive an email with log-in credentials to join the webinar from your computer and to add to your calendar if you would like.

What are people saying?

“The depth of knowledge that Daran has is astounding. Truly passionate about the topics, and it shows.” - Michael Matthews, Advanced Energy Corp

“Daran's classes keep you thinking about the almost innumerable and endless challenges faced by those of us who build and maintain houses. It's a moving target, and his sessions and responses from questions and chats are very helpful!” - William Williams

“Daran is extremely knowledgeable and explains things in a simple manner. Great course.” - Luis Lopez, City of Surprise

“Daran has been sharing his knowledge with the Masters of Real Estate Development students at ASU for the past 7 years and he is always a fan favorite! Daran translates a lot of very technical information into actionable guidance for future developers SO well — I highly recommend his courses!” - Kristen Parrish, Arizona State University

“Daran is an excellent communicator/instructor, and he presents the material effectively and precisely. I enjoy each and every class that he teaches.” - Ken Jacobsen
Forsyth County Government, Cumming, GA

“Daran is an outstanding instructor that knows the material inside and out. His presentation skills are engaging and captivating, which is a refreshing aspect for highly technical content. He uses real world examples and photographs to help the information really sink in.” - Clayton Trevillyan, City of Tucson



Daran Wastchak is the President of Learning Edge, LLC, a firm that specializes in residential energy efficiency training and building science consulting. Daran was a key implementer of the EPA's ENERGY STAR for Homes program for more than 20 years. He has helped solve warranty issues for hundreds of homes that did not properly heat or cool, had high utility bills, poor indoor air quality, and/or were uncomfortable. Daran has trained thousands of individuals on the basics of building science, energy efficiency for buildings, energy efficiency programs, and the international energy conservation codes. He holds a bachelor's degree in Construction and master's and doctoral degrees in Public Administration and Policy from Arizona State University.