



# Help Your Students Learn About Green Buildings and Careers

## SCHEDULE A GUEST SPEAKER FOR YOUR CLASS

*3C-REN (Tri-County Regional Energy Network) is a free program brought to you by your local County government.*

3C-REN speakers are professionals with backgrounds in green building. This speaker series helps students in high school, career technical programs, and community college understand concepts of the built environment and opportunities for careers in sustainable design and construction.



**Contact Us to Schedule**  
Email [info@3c-ren.org](mailto:info@3c-ren.org)

## TOPICS OFFERED

### Green Building 101

Through examples of historic and contemporary projects, we will discuss how buildings impact the environment and provide an overview of green building strategies to help mitigate those impacts. We will touch on site, materials, healthy interiors and water, then focus on energy efficiency and carbon reduction.

### Pathways for Sustainability Careers

We will identify a wide variety of careers from developers and designers to builders and inspectors and discuss their potential roles in green building. We will highlight green careers' such as energy modeling, HVAC technician and renewable energy contractor, as well as discuss how any career can be practiced sustainably.

### Green Building in Practice

We offer a brief presentation on building science, then engage students in hands-on activities that help them explore one or more of these concepts in the real world. Topics can include insulation and thermal barriers, ventilation and indoor air quality, daylighting, and understanding energy use, depending on the interests of the class.

## LOOKING FOR ADDITIONAL TOPICS?

Our team has an extensive library of course content that can be adapted to the needs of your classroom. Potential topics include:

- Reducing a Home's Carbon Footprint
- All-electric Heating, Cooling and Hot Water Systems
- High-Performance Construction
- Introduction to the Energy Code
- Introduction to the Green Building Code
- Insulation and Air Sealing for High-Performance Building
- Introduction to Passive House Construction
- And more!