



GREEN BUILDING FOR BUILDING PROFESSIONALS (2-DAY COURSE)

June 23rd & 24th

Host Facility: Simplex Industries, 1 Simplex Drive, Scranton, PA 18504

\$115 for qualified PA residents under a special grant*, \$395 for NAHB members and \$450 for non-members

Learn how green homes provide buyers with lower energy costs and higher value. This course for building professionals and other building related stakeholders including realtors, financial institutions and local government officials discusses strategies for incorporating green-building principles into homes without driving up the costs. Participants will learn how green homes provide buyers lower maintenance, better indoor air quality and enhanced long-term value. Techniques are also discussed for competitively differentiating your home products with increased indoor environmental quality as well as energy and resource efficiency. Review of the NAHB Green certification process for new construction and remodeling will be summarized for builders and industry professionals as well.

Topics Addressed Include:

- **Building Science Principles**
 - Heat Transfer
 - Moisture Movement
 - Airflow Pressure
 - Climate Specific Considerations
 - Whole House Approach
- **Site Development and Design**
 - Site Selection
 - Site Design
 - Compact Development
 - Solar – Smart Design
 - Storm water Management
 - Preservation of Natural ecology
- **Building Envelope and Durability**
 - Foundations
 - Thermal Envelope
 - Durability
- **Effective Operation and Homeowner Education**
 - Homeowner Role
 - Builder Role
- **Marketing and Selling Green**
 - Assessing Company readiness
 - Analyzing the Market
 - Selecting Your Approach to Green
 - Implementing the Green Marketing Strategy
 - Selling Green

All registrations are online through the PA College of Technology's Workforce Development website: <https://as400sec.pct.edu/CEcourses/> go to the Energy and Green section and register for the appropriate course location, date, and participant category. For additional information or to register via phone, please call 570-327-4768 or email Leah Shaheen at lxsl@pct.edu

***To qualify for special grant pricing, participants must be PA residents and will furnish their SSI# for the State. If a SSI# is not provided the other course fees would be applicable. This training is sponsored through the Lackawanna Home Builders Association Builders Association, Simplex Homes, PA Workforce Investment Boards, and the PA Factory Built Housing Industry Partnership.**

