

BUILDING SCIENCE & ENERGY EFFICIENCY

NEW! BPI HEALTHY HOME EVALUATOR

Demand is growing for preventative home health assessments and interventions in the public and private marketplace. From identifying asthma triggers and risk of lead poisoning to testing for CO and other health hazards, tremendous opportunity exists to incorporate healthy home measures into home performance assessments. Developed in partnership with the Green & Healthy Homes Initiative (GHHI), this certification builds upon the BPI Building Analyst (BA), Energy Auditor (EA) or Quality Control Inspector (QCI) certifications to verify competencies required to conduct in-depth healthy home environmental risk assessments. The Healthy Home Evaluator assesses home-based environmental health and safety hazards and provides a prioritized list of recommendations to address those hazards.

Prerequisite: Active BPI Building Analyst, Energy Auditor or Quality Control Inspector Certification.

Instructor: N. Jen

DCB 2096-01 M-W 3/20-22 9:30am-3pm SRC, Kelder \$399

Note: Class held on W ends at noon and is held at KSU.

NEW! BPI HEALTHY HOME EVALUATION EXAM

DCB 2121-01 W 3/22 1-3pm KSU \$200

SUMMER TECHNICAL INSTITUTE

NEW! INSPIRING THE NEXT GENERATION OF SOLAR ENERGY PROFESSIONALS

The Solar Summer Technical Institute is an intensive learning experience that includes presentations from solar professionals, hands-on activities and field visits. The Summer Institute takes place on a college campus where participants work in collaborative teams to assemble a PV system. Students will learn and apply industry best practices and learn how to size and design a basic PV system. This program is geared towards those interested in a career in sustainability, green building maintenance and design, engineering or solar installer. According to O*Net, the projected growth for PV Installers in the US (2014-2024) is expected to be 24%. This 3-credit course is available to those 16 years or older.

Recommended Prerequisite: Electrical Theory or equivalent. Instructor: J. Novak, IREC Master Trainer

MFG120 S/U 7/15-30 8am-5pm SRC, Kelder \$588 (inc. fees)

Class on Saturday, July 22nd and 29th will end at 6pm.

NEW! BASICS OF BUILDING SCIENCE

The Building Science Summer Technical Institute is an intensive learning experience that includes presentations from Building Science professionals and hands-on activities. The Summer Institute takes place on a college campus where participants will study “whole-house” energy assessments, identify efficiency, moisture and health problems at their root causes, then learn to prescribe and prioritize solutions based on building science principles. Students will be taught by an Energy Coach and will learn and perform hands-on building science activities in the state-of-the-art energy efficiency building science test house used for training professionals in this field. This course is geared towards those interested in a career as an Energy Auditor, Architect, General Contractor as well as those interested in starting their own business. According to O*Net, the projected growth for Energy Auditors in the US (2014-2024) is expected to be 8%. This course is available to those 16 years or older. Instructor: N. Jen

DCB 2097-01 M-F 7/24 - 28 9am-4:30 pm SRC, Kelder \$495

GREEN BUILDING A.A.S.

GREEN BUILDING MAINTENANCE & MANAGEMENT A.A.S.

61-63 credits

Gain the skills and knowledge needed to maintain and manage high-performance commercial buildings. Learn current theories and get hands-on training to work with evolving technologies like photovoltaic cells, wind generators, geothermal heating, and HVAC systems.