

The background of the slide features a large, light gray watermark of the University of Arkansas seal. The seal is circular and contains a central shield with a building facade. Above the shield is a banner with the Latin motto "VERITATE DUCE PROGRESSUM". The words "UNIVERSITY OF ARKANSAS" are written around the top inner edge of the seal.

Green Job Programs in the University of Arkansas System

Sept. 27, 2018

Arkansas Legislative Black Caucus

Retreat

Community College Programs

- CCCUA – Offers “Green Occupations” course to help vocational students understand green fields and develop skills to enhance their employability.
- UAPTC – Offers HVACR courses in System Design and Residential HVAC that cover modern energy efficiency requirements and guidelines
- PCCUA – Offers a TC and CP in Renewable Energy Technology, including an emphasis on biofuels
- UACCH – Power Technology program includes:
 - Introduction to Alternative Energy
 - Wind Technologies
 - Solar Technology

University Courses and Programs

- UA-Fayetteville
 - Sustainability Minor
 - Graduate Certificate in Sustainability
- UA-Monticello
 - Environmental Controls Course in the TC and AAS in Advanced Manufacturing and the TC in Industrial Production at Crossett Campus.
 - Includes “green” curricula in several undergraduate and graduate programs in College of Forestry, Agriculture and Natural Resources

University Programs and Extension

- UALR
 - Construction Management courses in green construction, wastewater engineering and other areas
 - BS in Environmental Engineering
 - BS in Environmental Health Sciences
- Cooperative Extension
 - Certified Organic Farming
 - Sustainable forestry and wood products

University of Arkansas – Fort Smith Sustainable Conservation House



UAFS - Sustainable Conservation House

Overview

- Unique learning facility on UAFS campus
- Part classroom - Part Laboratory
- Utilized for training activities for utility companies, construction contractors, manufacturers and municipalities.



UAFS - Sustainable Conservation House

Key Partnerships

FORT  SMITH
PUBLIC SCHOOLS

OGI-E



Arkansas Valley
Electric Cooperative



UAFS - Sustainable Conservation House

Key Features

- Hands-on experience with instruments used in the field for energy auditing
- Ability to open and close dampers to simulate duct leaks and blockages
- Solar water heating
- Electricity generation via solar panels
- Electricity generation via wind turbine

UAFS - Sustainable Conservation House Non-Credit Training

- Combustible Appliance Zones
- Heating, Ventilation and Air Conditioning
- Energy Auditing
- Duct Work Testing
- Gas Leak Investigation
- Unmanned Aerial Systems