TREEDC

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Columbia State
COMMUNITY COLLEGE

About Columbia State

- Five Campuses –
- Own campuses in Columbia, Franklin, and Clifton
- Have rental agreements for campus facilities in Lawrenceburg and
- Some 5300 Students commute to campuses
- Classes begin at 8am and end at 9pm

We created an identifiable logo for our Sustainability efforts.

The Starting Point

- A Sustainability Council consisting of all sectors of the College was formed.
    - The Council is an energetic group of volunteers who are committed to identifying areas of improvement for the College.
    - Created pathways for students to participate.

Moving Forward

- The Sustainability Council studies interest and campus resources for determination of next steps
  - Prior actions were identified
  - Possibilities were discussed
  - Areas for follow-up and action were identified

Another Step Forward

- The College joined AASHE (The Association for the Advancement of Sustainability in Higher Education.)
    - AASHE provides consultation, webinars, training, collaboration among Colleges and Universities.
    - AASHE provides consultation for integrating Sustainability into curriculum design.

TWO TARGETS

- Sustainability of Resources

- Instruction And Inclusion Of Sustainable Concepts Into The Curriculum
  - Component Of General Education For Citizen And Individual Responsibility
  - Component Of Career Education As A Function Of Responsible And Changing Business Practices

Action Highlights – Sustainability of Resources

Energy Saving Performance Audit was completed on all buildings owned by Columbia State --

- Columbia – Franklin - Clifton

Performance Contract entered into and included:

- Campus Lighting Retrofit
- Heat Exchanger Removal And Hot Water Systems Rework
- Direct Digital Control Systems Upgrades
- Campus Water Savings Strategies
- Vending Misers

Sustainability of Resources

Two Hybrid Autos

Security and Mail Carrier

Four Electric Vehicles

Security, Maintenance, Grounds, Information Technology

Sustainability of Resources

- Renovated and New Facilities
  - Wellness Center – plans changed to include sustainable concepts including solar panel for hot water, use of natural lighting, and other design features
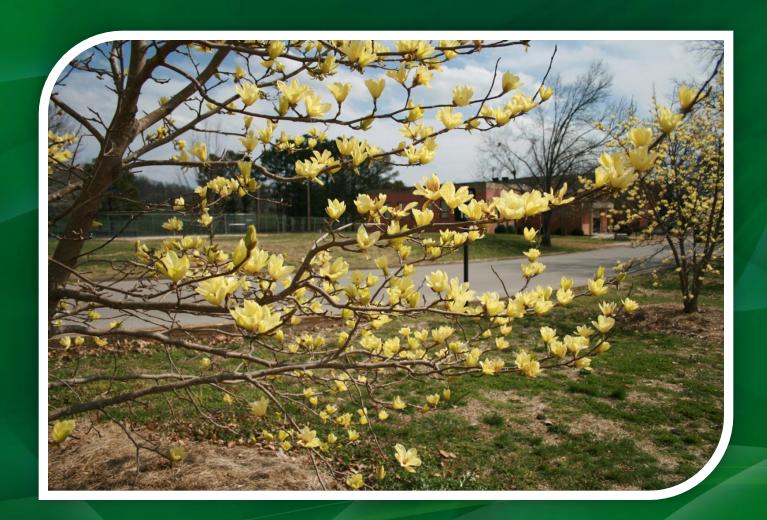 - New buildings are designed with Sustainability as integral

Sustainability of Resources

Landscaping   Urban Forestry

INSTRUCTION & CURRICULUM INCLUSION

Challenging Area

- Faculty attended Conferences on Sustainability and the curriculum

- New programs reviewed

- Sustainable Concepts discussed in regard to Careers and General curriculum

- One Faculty member identified to lead on how to imbed in the curriculum

- Workshops held for faculty on concepts and applications

- Excitement growing and inclusion ideas being shared and becoming part of some curriculums.

CONTINUING EDUCATION - WORKFORCE CLASSES HELD

- Biofuel Production Operations
- Building Analyst Quick Start Program (BPI BA Certification)
- Certified Green Supply Chain Professional
- Certified Indoor Air Quality Manager
- Certified Indoor Environmentalist
- Natural Gas Plant Operations
- Performing Comprehensive Building Assessments
- Principles of Green Building
- Senior Certified Sustainability Professional
- Solar Power Professional
- Wind Energy Apprentice

Acknowledgement/Membership

The Williamson County Campus in Franklin became a Platinum Partner of the Live Green Partners Program for businesses.

This is a partnership between businesses, Leadership Franklin, and the City of Franklin to promote sustainable operations in workplaces.

Columbia State is a member of SEED – Sustainability Education and Economic Development

- Curriculum sharing
- Webinar access
- Resource Center for Information on Sustainability initatives