



Appalachian State University

The following information was submitted through the [STARS Reporting Tool](#).

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The information presented in this submission is self-reported and has not been verified by AASHE or a third party. If you believe any of this information is erroneous, please see the [process for inquiring](#) about the information reported by an institution.

Education & Research

Co-Curricular Education

This subcategory seeks to recognize institutions that provide their students with sustainability learning experiences outside the formal curriculum. Engaging in sustainability issues through co-curricular activities allows students to deepen and apply their understandings of sustainability principles. Institution-sponsored co-curricular sustainability offerings, often coordinated by student affairs offices, help integrate sustainability into the campus culture and set a positive tone for the institution.

Credit
Student Sustainability Educators Program
Student Sustainability Outreach Campaign
Sustainability in New Student Orientation
Sustainability Outreach and Publications
Student Group
Organic Garden
Model Room in a Residence Hall
Themed Housing
Sustainable Enterprise
Sustainability Events
Outdoors Program
Themed Semester or Year

Student Sustainability Educators Program

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Criteria

Institution coordinates an ongoing peer-to-peer sustainability outreach and education program for degree-seeking students. The institution:

- Selects or appoints students to serve as educators and formally designates the students as educators,
- Provides formal training to the educators in how to conduct outreach, and
- Offers faculty or staff and/or financial support to the program.

This credit focuses on programs for degree-seeking students enrolled in a for-credit program. Continuing education and/or non-credit students are excluded from this credit.

Student clubs or groups, which are covered by *Co-Curricular Education Tier Two Credit 1*, are not eligible for this credit unless the group meets the criteria outlined above.

"---" indicates that no data was submitted for this field

Total number of degree-seeking students enrolled at the institution:

17,385

Program name (1st program):

ASU Recycles

Number of students served by the program to whom peer-to-peer sustainability outreach and education is offered (1st program):

250

A brief description of the program, including examples of peer-to-peer outreach activities (1st program):

ASU Recycles is a waste reduction and outreach program designed to contribute to waste diversion from the landfill. Student interns in the Office of Sustainability give presentations to classes and residence halls. They also manage our Recycle at the Rock campaign, a recycling campaign for home football games.

A brief description of how the student educators are selected (1st program):

These student educators are selected by an application/interview process through the Office of Sustainability. These educators are selected based on leadership, knowledge base, communication and presentation skills, and interest.

A brief description of the formal training that the student educators receive (1st program):

These student educators are trained at the beginning of each academic year by the Resource Conservation Manager. The Resource Conservation Manager uses an online slide show and walking tour to train the educators. This position/s focuses on outreach.

A brief description of the staff and/or other financial support the institution provides to the program (1st program):

The ASU Recycles program is supported through the Physical Plant's Office of Waste Reduction and Recycling through staff support.

The website URL for 1st Program:

<http://recycle.appstate.edu/>

Program name (2nd program):

Appalachian State University Renewable Energy Initiative (ASUREI)

Number of students to whom peer-to-peer sustainability outreach and education is offered (2nd program):

8,000

A brief description of the program, including examples of peer-to-peer outreach activities (2nd program):

The Appalachian State University Renewable Energy Initiative is a student-led, -created and -managed renewable energy fee program. Every student pays \$5/semester to this fund. The students on the committee implement renewable energy on campus to offset the university's use of fossil fuels and serve as an educational tool. The ASUREI tables in the student union, holds informational sessions and forums and all their meetings are open to students to attend. The ASUREI updates the Appalachian Ambassadors regularly. The Ambassadors give tours to all incoming freshman and potential students.

A brief description of how the student educators are selected (2nd program):

The students that serve on the ASUREI are selected by an application and interview process once per semester based on the number of vacancies on the committee. The students are selected based on their knowledge of renewable energy, knowledge of the REI, the reason for wanting to be on the committee, and leadership and project manager ability.

A brief description of the formal training that the student educators receive (2nd program):

The students on the ASUREI are trained and mentored by existing student committee members and faculty/staff committee members. Presentations are created each semester for the purpose of educating new members and the student body at-large.

A brief description of the staff and/or other financial support the institution provides to the program (2nd program):

The ASUREI is self supported through a student fee that every degree-seeking student pays. The committee is also supported by 3 faculty and 3 staff members.

The website URL for 2nd program:

<http://www.rei.appstate.edu/>

Program name (3rd program):

University Housing Resident Director/Assistant Sustainability Educators

Number of students to whom peer-to-peer sustainability outreach and education is offered (3rd program):

5,160

A brief description of the program, including examples of peer-to-peer outreach activities (3rd program):

Every resident director and resident assistant takes a sustainability training and quiz program designed by the Office of Sustainability. This program disseminates information to these leaders about campus sustainability and sustainable living. One example of peer-to-peer outreach includes green programming such as movie night or 'upcycling' programs.

A brief description of how the student educators are selected (3rd program):

These student educators are selected through the process of becoming a designated Resident Director (RD) and Resident Assistant (RA).

A brief description of the formal training that the student educators receive (3rd program):

These educators are required to take a 35 minute presentation and exam on sustainability education for on-campus residents. The training module defines sustainability, outlines Appalachian's commitment to sustainability and provides the RD/RA with guidelines for sustainable living.

A brief description of the staff and/or other financial support the institution provides to the program (3rd program):

The Office of Sustainability and University Housing provide staff and financial support to the training. The Office of Sustainability provided financial support to develop the curriculum. University Housing supports this endeavor through by certifying those that receive 80th percentile or above.

The website URL for 3rd program:

Program name (All other programs):

Appalachian & the Community Together (ACT) impACT Team

Number of students to whom peer-to-peer sustainability outreach and education is offered (All other programs):

9,390

A brief description of the program, including examples of peer-to-peer outreach activities (All other programs):

This student team works to coordinate programs throughout the year enabling participation in sustainability-based activities. Mostly this group's focus is on equity related programming such as community service. An example of peer-to-peer outreach are the Alternative Spring and Fall Break trips where students lead groups of other students on service related trips during fall and spring break.

A brief description of how the student educators are selected (All other programs):

Students are selected via a competitive application process. Students submit an application in April and then are interviewed. impact Team members are selected based on leadership, event planning experience, and knowledge of ACT and its programs.

A brief description of the formal training that the student educators receive (All other programs):

Formal training includes a full staff retreat (3 days) and weekly meetings that involve some training in it. We train them on how to present and how to present certain educational games, and how to put together a presentation.

A brief description of the staff and/or other financial support the institution provides to the program (All other programs):

The impACT Team is staff and financially supported through Student Programs.

The website URL for all other programs:

http://act.appstate.edu/index.php?module=pagesmith&uop=view_page&id=10

Student Sustainability Outreach Campaign

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Criteria

Institution holds at least one sustainability-related outreach campaign directed at students. The campaign yields measurable, positive results in advancing sustainability. The sustainability-related outreach campaign may be conducted by the institution, a student organization, or students in a course.

To measure if the campaign yields measurable, positive results, institutions should compare pre-campaign performance to performance during or after the campaign.

The campaign could take the form of a competition (such as a residence hall conservation competition), or a collective challenge (such as a campus-wide drive to achieve a specific sustainability target).

The campaign may focus on one or more sustainability issues, but educating students is a primary feature of the campaign.

The campaign may reach additional campus members (faculty, staff, visitors, etc.) as long as students are one of the audiences of the campaigns.

The following impacts are not sufficient for this credit:

- Increased awareness
 - Additional members of a mailing list or group
-

"---" indicates that no data was submitted for this field

Does the institution hold a campaign that meets the criteria for this credit?:

Yes

The name of the campaign(s):

Recycle at the Rock

A brief description of the campaign(s):

ASU Recycles, in collaboration with several other campus departments, develops and implements the 'Recycle At The Rock' program. On game days, tailgaters are asked to utilize green recyclable bags to collect their bottles, cans and clean cardboard from their tailgating site. Once full, these are left behind and Appalachian State staff collect the bags from the tailgate lots to be recycled. Volunteers assist ASU Recycles staff with the distribution of these bags. In addition, over 75 recycling bins are placed throughout the stadium area on game days, and the recycling left behind in the stadium is also separated out by a contracted clean-up crew as well.

A brief description of the measured positive impact(s) of the campaign(s):

Education and outreach is one of the keys to the success of this campaign. Through this campaign, we have been able to utilize our volunteers to educate students, faculty, staff, alumni, and community members about the importance of waste reduction, recycling, and sustainability. Not only do our game day volunteers have the opportunity to outreach while distributing the bags, but our student interns have the opportunity to outreach to many classes while recruiting for volunteers. There is also a massive training effort involved with our volunteers prior to game day as well. Before this campaign began, all the recycling from tailgating and the stadium was thrown away. We have diverted over 9 tons of material from the landfill each year for the past two years. In addition, we have been able to reach an audience of thousands at every home game.

The website URL where information about the sustainability outreach campaign(s) is available:

<http://www.recycle.appstate.edu/recycle-rock>

Sustainability in New Student Orientation

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Criteria

Institution includes sustainability prominently in its new student orientation activities and programming. Sustainability activities and programming are made available to all new students and are intended to educate about the principles and practices of sustainability.

Because orientation activities vary from one institution to another, prominent inclusion of sustainability may not take the same form on each campus. When reporting for this credit, each institution will determine what prominent inclusion of sustainability means given its particular context.

As this credit is intended to measure sustainability being infused throughout the institution, program or discipline-level orientations are not included in this credit.

"---" indicates that no data was submitted for this field

Does the institution include sustainability prominently in new student orientation?:

Yes

A brief description of how sustainability is included prominently in new student orientation:

Over a six week period during summer, Appalachian holds New Student Orientation. The two-day freshman program and one-day transfer program include presentations on campus resources, discussions with student, faculty and staff leaders and intensive academic planning. New Student Orientation is held during the month of June.

As part of this program, Student Orientation Undergraduate Leaders (SOULs) welcome new students to Appalachian by ensuring they have the necessary information to become successful members of our university community. As part of SOUL training, the Office of Sustainability educates the student leaders about sustainability and our culture of sustainability and gives them information to share with their new students.

The website URL where information about sustainability in new student orientation is available:

<http://www.orientation.appstate.edu/freshman>

Sustainability Outreach and Publications

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Criteria

Institution produces outreach materials and/or publications that foster sustainability learning and knowledge. The publications and outreach materials may include the following:

- A central sustainability website that consolidates information about the institution's sustainability efforts
 - A sustainability newsletter
 - A vehicle to publish and disseminate student research on sustainability
 - Building signage that highlights green building features
 - Food service area signage and/or brochures that include information about sustainable food systems
 - Signage on the grounds about sustainable groundskeeping strategies employed
 - A sustainability walking map or tour
 - A guide for commuters about how to use alternative methods of transportation
 - A guide for green living and incorporating sustainability into the residential experience
 - Regular coverage of sustainability in the main student newspaper, either through a regular column or a reporter assigned to the sustainability beat
 - Other
-

Submission Note:

This information is also publicly available online, but geared towards campus residents:

<http://housing.appstate.edu/pagesmith/190>

"---" indicates that no data was submitted for this field

Does the institution have a central sustainability website that consolidates information about the institution's sustainability efforts?:

Yes

A brief description of the central sustainability website that consolidates information about the institution's sustainability efforts:

The university's sustainability website strives to be a clearinghouse for all things sustainable within the university: academic and research offerings, events, news (local and regional) student involvement, and sustainability initiatives, both institutional and student-based.

The website URL for the central sustainability website that consolidates information about the institution's sustainability efforts:

<http://sustain.appstate.edu/>

Does the institution have a sustainability newsletter?:

No

A brief description of the sustainability newsletter:

The website URL for the sustainability newsletter:

Does the institution have a vehicle to publish and disseminate student research on sustainability?:

Yes

A brief description of the vehicle to publish and disseminate student research on sustainability:

Annually, Appalachian hosts the Celebration of Student Research and Creative Endeavors. The Celebration showcases and encourages meaningful research in all disciplines by undergraduates and graduate students at Appalachian. Last year (2010), over 100 students representing over 20 departments presented their results in either a performance, platform talk, or poster.

The website URL for the vehicle to publish and disseminate student research on sustainability:

<http://www.osr.appstate.edu/present/oncampus.html>

Does the institution have building signage that highlights green building features?:

Yes

A brief description of building signage that highlights green building features :

Appalachian's student union features signage regarding reduced water flow on its sink faucets and signage about the dual flush toilets. There is also signage at the special items recycling area indicating special items. At the water bottle refilling station, signage indicates the importance of reusing a water bottle. On the paper towel dispensers, "These Come from Trees" stickers are displayed. The student union is home to a large sustainability board available for students, faculty and staff to display material and information. The student union also hosts the Renewable Energy Initiative information kiosk, displaying information about all the renewable energy projects on campus.

The website URL for building signage that highlights green building features :

<http://studentunion.appstate.edu/pagesmith/64>

Does the institution have food service area signage and/or brochures that include information about sustainable food systems?:

Yes

A brief description of food service area signage and/or brochures that include information about sustainable food systems:

Appalachian Food Services created a flier about ways in which Food Services has gone "green". Reduce, reuse, recycle is the theme of the flier. Signage is in place at every dining facility on campus asking patrons for their support of campus sustainability initiatives. The signs make recommendations for doing so, like bring your own cup/mug and recycles bottles here.

The website URL for food service area signage and/or brochures that include information about sustainable food systems:

<http://www.foodservices.appstate.edu/sustainability-documents>

Does the institution have signage on the grounds about sustainable grounds-keeping strategies employed?:

No

A brief description of signage on the grounds about sustainable grounds-keeping strategies employed:

The website URL for signage on the grounds about sustainable grounds-keeping strategies employed:

Does the institution have a sustainability walking map or tour?:

Yes

A brief description of the sustainability walking map or tour:

The walking map/tour is a virtual map. It was designed by a student in 2010. Sustainable Strides is designed to communicate not only about physical locations of sustainable activities/measures, but also about sustainable technology and or commitments.

The website URL of the sustainability walking map or tour:

<http://sustain.appstate.edu/strides>

Does the institution have a guide for commuters about how to use alternative methods of transportation?:

Yes

A brief description of the guide for commuters about how to use alternative methods of transportation:

On the university's sustainability website, there is a page dedicated to alternative transportation at Appalachian. Listed is information about mass transit, ridesharing, car sharing, biking and motor pool

The website URL for the guide for commuters about how to use alternative methods of transportation:

<http://sustain.appstate.edu/transit>

Does the institution have a guide for green living and incorporating sustainability into the residential experience?:

Yes

A brief description of the guide for green living and incorporating sustainability into the residential experience:

The Office of Sustainability has developed a guide for student green living, which seeks to develop sustainable behaviors for sustainable living while in college and transferable beyond college. The guide displays tips regarding transportation, purchasing and waste, energy and water.

The website URL for the guide for green living and incorporating sustainability into the residential experience:

<http://sustain.appstate.edu/greenstudents>

Does the institution have regular coverage of sustainability in the main student newspaper (either through a regular column or a reporter assigned to the sustainability beat)?:

Yes

A brief description of regular coverage of sustainability in the main student newspaper, either through a regular column or a reporter assigned to the sustainability beat:

There is a student dedicated to the sustainability beat. The student newspaper is printed twice a week and is also available online.

The website URL for regular coverage of sustainability in the main student newspaper, either through a regular column or a reporter assigned to the sustainability beat:

<http://www.theappalachianonline.com/>

Does the institution produce another sustainability publication or outreach material not covered above? (1st material):

Yes

A brief description of this material:

2013 Sustainability Yearbook catalogs Appalachian State's sustainability progress through engaged students, academics and research, and campus initiatives.

The website URL for this material:

http://issuu.com/appalachianstateuniversity/docs/sustain_book_issu

Does the institution produce another sustainability publication or outreach material not covered above? (2nd

material):

A brief description of this material:

The website URL for this material:

Does the institution produce another sustainability publication or outreach material not covered above? (3rd material):

A brief description of this material:

The website URL for this material:

Does the institution produce another sustainability publication or outreach material not covered above? (4th material):

A brief description of this material:

The website URL for this material:

Does the institution produce another sustainability publication or outreach material not covered above? (5th material):

A brief description of this material:

The website URL for this material:

Does the institution produce another sustainability publication or outreach material not covered above? (6th material):

A brief description of this material:

The website URL for this material:

Does the institution produce another sustainability publication or outreach material not covered above? (7th material):

A brief description of this material:

The website URL for this material:

Does the institution produce another sustainability publication or outreach material not covered above? (8th material):

A brief description of this material:

The website URL for this material:

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have an active student group focused on sustainability?:

Yes

The name and a brief description of each student group:

ASUSES is the Appalachian State University chapter of the American Solar Energy Society. ASUSES hosts workshops, special events, and other educational programs on campus and in the community to inform folks of the importance of renewable energy and sustainable living to our environment and future generations. Their purpose is to educate, enlighten, and inform students and the community about solar and other renewable energy applications, green building, and other aspects of sustainable living.

List up to 4 notable recent activities or accomplishments of student group(s):

- 1) ASUSES hosted the 2nd annual, on-campus music festival solar-powered by DAISEE, Driving Appropriate Innovative Sustainable Energy Education.
- 2) ASUSES is engaged in a campaign called 'Retrofit a Million'. Over Earth Day 2012, exchanged over 250 incandescents with compact fluorescents in the surrounding community.
- 3) They have taken DAISEE (solar and wind powered mobile, educational trailer exemplifying green building) to numerous community events.

List other student groups that address sustainability:

Sustainable Development Student Alliance, Green, People Fighting Poverty, Net Impact, Invisible Children, Wine to Water, ASU UNICEF, Habitat for Humanity, ASU Campus Antiwar chapter, plus more

The website URL where information about student group(s) is available:

<http://sustain.appstate.edu/initiatives/student-initiatives/clubs-and-activities>

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have an on-campus garden where students are able to gain organic farming and/or gardening experience?:

Yes

A brief description of the garden:

The Edible School Yard (ESY) is a student-initiated and student-run garden located on campus outside of the Living Learning Center that promotes green living. The ESY was run solely through student volunteers during its first year in 2004. Now students can sign up for a class that teaches them how to grow organic food and make a positive impact on their community through sustainability efforts. While the class now serves as the main caretaker of the ESY other students do still have the opportunity to work in the garden on a volunteer basis.

The website URL where information about the garden is available:

<http://wataugaglobal.appstate.edu/edible-schoolyard>

Model Room in a Residence Hall

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have an occupied, formally designated model room in a residence hall that is open to students during regular hours and demonstrates sustainable living principles?:

Yes

A brief description of the model room:

The model dorm room is occupied by two "Appalachian Ambassadors," student leaders who serve as tour leaders for Admissions. The Appalachian Ambassadors show the model dorm room during open house events and on tours for incoming and perspective students.

Included in the App Ambassador's talking points are the ways in which the room residents implement sustainability and Appalachian State's commitment to sustainability.

The model dorm room has compact fluorescent bulbs, high output overhead fluorescent light fixtures, a power strip for electronics, salvaged items from the end-of-year collection sale, and in-room recycling bins. On the back of the door is a sustainability checklist including turning the lights and electronics off, plus any phantom loads when leaving the building.

The website URL where information about the model room in the residence hall is available:

Responsible Party

Lee Ball
Faculty
Technology

Submission Note:

Additional sustainability-related Residential Learning Communities (RLC):

Living Green RLC

This learning community is for students who are interested in environmental protection and sustainability and wish to support that cause by living in an environmentally responsible community. Students will enroll in a special section of the First Year Seminar related to contemporary green living. This community is housed in Frank residence hall, which is LEED gold certified. Students will also participate in and initiate activities that promote green living on campus and in the surrounding community. Students who are considering majors in Appropriate Technology or Environmental Policy and Planning, a minor in Sustainable Development, or a concentration in Environmental Science may be attracted to this community.

URL:

http://housing.appstate.edu/index.php?module=pagesmith&uop=view_page&id=62

"---" indicates that no data was submitted for this field

Does the institution have sustainability-themed housing (residential floor or hall, or theme house) where residents learn about sustainability together and to which residents must apply?:

Yes

A brief description of the themed housing, including name(s) and descriptions of theme(s):

The Living Green learning community is for students who are interested in environmental protection and sustainability and wish to support that cause by living in an environmentally responsible community. Students will enroll in a special section of the First Year Seminar related to this theme and have the opportunity to live in their lab. This community will be housed in Frank residence hall, which will be certified by the Leadership in Energy and Environmental Design (LEED) program. Students will also participate in and initiate activities that promote green living on campus and in the surrounding community.

The website URL where information about the themed housing is available:

http://housing.appstate.edu/index.php?module=pagesmith&uop=view_page&id=172

The total number of residents in themed housing. :

36

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have a student-run enterprise, such as a cafe, through which students gain sustainable business skills?:

Yes

A brief description of the enterprise:

Students at Crossroad's Coffee aim to be a campus leader in local and global community outreach services, innovative entertainment programming and in sustainably managed facilities designed to foster community development, out of class learning and social interaction. Additionally, Student Programs strive to have a connection with every student, seek to strengthen academic and community partnerships, seek additional programming resources and inspire students to become change agents in their communities.

Crossroads Coffee offers the best varieties of coffee from Central and South America. The student-run enterprise offers the world's first family of shade grown coffees - Sanctuary Coffees™. Sanctuary sources only arabica beans grown on shade-tree coffee plantations along the migratory flight path from North America to South America. Because the coffee is grown in the shade, the beans mature more slowly, therefore producing a sweeter, more elegant cup. Not only do shaded plantations produce outstanding coffees, they also preserve a habitat for millions of migratory songbirds.

The website URL where information about the sustainable enterprise is available:

<http://studentprograms.appstate.edu/>

Sustainability Events

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Submission Note:

Appalachian State University has major events related to sustainability. Usually, however, they are not coordinated through the sustainability office. Having said that, the sponsoring department[s] usually creates the web links to host the events. The sustainability website advertises the events on their website.

"---" indicates that no data was submitted for this field

Does the institution hold major events related to sustainability, such as conferences, speaker series, or symposia, that have students as the intended audience?:

Yes

A brief description of the event(s):

- *Every spring semester there is a Sustainability Film Series, one per month the entire semester, with a panel discussion afterward.
- *Every year we hold a big campus/town Earth day/week/month celebration.
- *There is an energy reduction challenge pitting dorms at ASU against dorms at Western Carolina University.
- *Recycle at the Rock is a student led initiative through Appalachian's Office of Waste Reduction and Recycling leading the charge of recycling at home football games. Recycle at the Rock targets students as volunteers.

The website URL where information about the event(s) are available:

<http://www.sustain.appstate.edu/>

Outdoors Program

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have a wilderness or outdoors program that organizes hiking, backpacking, kayaking, or other outings for students and follows Leave No Trace principles?:

Yes

A brief description of the program:

At Outdoor Programs, we love adventure. We crave the challenges that come from engaging with the natural world. We value the gains that come from a life lived in awe - and greater understanding - of wild places. Outdoor Programs has offered ASU Students, Faculty and Staff a chance to get outside and seek challenge and adventure for nearly 40 years. We are NOT a club and there is NO membership required. We always have something going on from 3-hour team building experiences to 55-day International expeditions, state of the art indoor climbing center to rental gear, OP has something for everyone.

The website URL where information about the program is available:

<http://op.appstate.edu/>

Themed Semester or Year

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Submission Note:

In academic year 2010-11, our university's lecture series, University Forum Distinguished Lecture Series, designated sustainability as its' theme for the year's program. Distinguished speakers included Vandana Shiva and Terry Tempest Williams among others.

"---" indicates that no data was submitted for this field

Has the institution chosen a sustainability-related theme for its themed semester, year, or first-year experience during the past three years?:

Yes

A brief description of the themed semester, year, or first-year experience:

"Farm City: The Education of an Urban Farmer" has been selected for Appalachian State University's Summer Reading Program for 2012.

The book chronicles journalist and author Novella Carpenter's experience "farming" in downtown Oakland, Calif. Incoming freshmen at Appalachian will be encouraged to read the book as part of their orientation to the academic life of a university.

Carpenter will speak at the university's Convocation in Sept. 6 and will open the Hughlene Bostian Frank Visiting Writers Series held on campus.

Carpenter's adventures in urban agriculture began with honeybees and a few chickens, then some turkeys until a vacant lot as turned into a thriving farm called Ghost Town Farm, complete with fruit trees, vegetables, hogs and livestock as she revisited the "back to the land" movement followed by her parents.

It's Carpenter's message of sustainability and service to others contained in the book that led to its selection.

The sustainability-related book that was chosen, if applicable:

Farm City: The Education of an Urban Farmer

The website URL where information about the theme is available:

<http://www.summerreading.appstate.edu/years-selection>

Curriculum

This subcategory seeks to recognize institutions that have formal education programs and courses that address sustainability. One of the primary functions of colleges and universities is to educate students. By training and educating future leaders, scholars, workers, and professionals, higher education institutions are uniquely positioned to prepare students to understand and address sustainability challenges. Institutions that offer courses covering sustainability issues help equip their students to lead society to a sustainable future.

Credit
Sustainability Course Identification
Sustainability-Focused Courses
Sustainability-Related Courses
Sustainability Courses by Department
Sustainability Learning Outcomes
Undergraduate Program in Sustainability
Graduate Program in Sustainability
Sustainability Immersive Experience
Sustainability Literacy Assessment
Incentives for Developing Sustainability Courses

Sustainability Course Identification

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Criteria

Part 1

Institution has developed a definition of sustainability in the curriculum. The definition was developed by a committee comprised of at least three faculty members who teach courses in different departments. The committee may include students, staff, and other stakeholders as well. The definition does not have to be formally adopted.

In order to report on other STARS Curriculum credits, the definition of sustainability in the curriculum should distinguish between courses that focus or concentrate on the concept of sustainability throughout the course and courses that relate to an aspect of sustainability or include sustainability as part of the course.

- Sustainability-focused courses concentrate on the concept of sustainability, including its social, economic, and environmental dimensions, or examine an issue or topic using sustainability as a lens.
- Sustainability-related courses incorporate sustainability as a distinct course component or module or concentrate on a single sustainability principle or issue.

Part 2

Institution has identified its sustainability-focused and sustainability-related course offerings. A course is either sustainability-focused or sustainability-related; no course should be identified as both sustainability-focused and sustainability-related. Each institution is free to choose a methodology to identify sustainability courses that is most appropriate given its unique circumstances. Asking faculty or departments to self-identify sustainability courses using the definition in Part 1 or looking at the stated learning outcomes and course objectives associated with each course may provide a richer view of sustainability course offerings than simply reviewing course descriptions, but it is not required.

Part 3

Institution makes its sustainability course inventory publicly available online. The identification can be incorporated into the course catalog or posted as a stand-alone document.

Submission Note:

Survey administered Fall 2011

"---" indicates that no data was submitted for this field

Has the institution developed a definition of sustainability in the curriculum?:

Yes

A copy of the institution's definition of sustainability in the curriculum?:

For Appalachians's purpose of STARS reporting, a course is considered to be sustainability focused or related when it exhibits one of the following learning objectives:

- * Integration of basic and applied knowledge from multiple disciplines, including the natural and social sciences, to analyze human-environment interactions;
- * Analysis of tradeoffs or co-benefits involved in managing resources for the social, economic, and environmental welfare of current and future generations;
- * Development of alternative strategies for the use of natural, human, and fiscal assets that are compatible with the constraints on these resources
- * Implementation of practical solutions to socioeconomic and environmental challenges relating to energy, technology, ecosystems, social transformations, food systems, policy, and governance.

Has the institution identified its sustainability-focused and sustainability-related course offerings?:

Yes

A brief description of the methodology the institution followed to complete the inventory:

The Office of Sustainability and the Reporting and Institutional Data subcommittee of the Sustainability Council partnered with Institutional Research Assessment and Planning to develop a survey instrument to capture courses offered as they relate to sustainability. This survey was distributed to the chairs of every department at the university

Does the institution make its sustainability course inventory publicly available online?:

Yes

The website URL where the sustainability course inventory is posted:

<http://sustain.appstate.edu/academics>

Sustainability-Focused Courses

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Criteria

Institution offers sustainability-focused academic courses.

This credit does not include continuing education and extension courses, which are covered by *PAE Credit 21: Sustainability in Continuing Education*.

Submission Note:

Survey administered Fall 2011

"---" indicates that no data was submitted for this field

The number of sustainability-focused courses offered :

141

The total number of courses offered :

3,699

Number of years covered by the data:

One

A list of sustainability-focused courses offered:

The website URL where the publicly available sustainability course inventory that includes a list of sustainability-focused courses is available:

<http://sustain.appstate.edu/academics>

A copy of the sustainability course inventory:

[Course Sustainability Content Focused_24Apr2012.pdf](#)

Sustainability-Related Courses

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Criteria

Institution offers sustainability-related academic courses.

This credit does not include continuing education and extension courses, which are covered by *PAE Credit 21: Sustainability in Continuing Education*.

Submission Note:

Survey administered Fall 2011

"---" indicates that no data was submitted for this field

The number of sustainability-related courses offered :

848

The total number of courses offered :

3,699

Number of years covered by the data:

One

A list of sustainability-related courses offered:

The website URL where the sustainability course inventory that includes a list of sustainability-related courses is posted:

<http://sustain.appstate.edu/academics>

A copy of the sustainability course inventory:

[Course Sustainability Content Related_24Apr2012.pdf](#)

Sustainability Courses by Department

Responsible Party

Bobby Sharp

Director of Institutional Research and Planning
Institutional Research and Planning

Criteria

Institution's academic departments (or equivalent) offer sustainability-related and/or sustainability- focused courses.

"---" indicates that no data was submitted for this field

The number of departments that offer at least one sustainability-related or -focused course :

37

The total number of departments that offer courses:

48

A list of departments that offer sustainability courses:

The website URL where the publicly available sustainability course inventory that includes a list of departments that offer sustainability courses is available:

<http://sustain.appstate.edu/academics>

A copy of the sustainability course inventory :

[F2011 ER8 Susty Courses by Dept.pdf](#)

Sustainability Learning Outcomes

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Criteria

Institution's students graduate from programs that include sustainability as a required learning outcome or include multiple sustainability learning outcomes.

For this credit, learning outcomes at the course level count if the course is required to earn the degree. This credit includes graduate as well as undergraduate programs. For this credit, "programs" include majors, minors, concentrations, certificates, and other academic designations. Programs that include co-curricular aspects may count as long as there is an academic component of the program.

Submission Note:

Start and end dates of the year from which the graduate information was acquired is July 2010 - June 2011.

"---" indicates that no data was submitted for this field

The number of graduates covered by the sustainability learning outcomes:

3,891

Total number of graduates :

3,891

A list of degree programs that have sustainability learning outcomes:

A degree from Appalachian State University begins with the General Education Program. General education at Appalachian is anchored in the ideals and practices of liberal education and aims to prepare students to fulfill the responsibilities and meet the challenges presented by a changing world.

The goals and outcomes of the Gen Ed program "promote broad based, interdisciplinary knowledge, higher level transferable skills, the connection between local and global issues and environments, and a sense of personal and social responsibility as applied to problems."

Every degree seeking student has to take a minimum of 6 hours in "Local to Global." The rationale of this perspective is:

"Appalachian State University is both in and of the southern Appalachian region, and it is also part of a world that is globally connected. Life in the twenty-first century requires an understanding of the connections and multi-layered interactions among diverse local and global human cultures, as well as between humans and the natural and physical environments. In this context, the general education program helps to cultivate an active understanding of global change and the effect of human agency on both natural and cultural environments. Students should understand the importance of biodiversity, ecological integrity, and the need to achieve sustainable benefits for communities. Knowledge of other cultures, diverse cultural frames of reference, and alternative perspectives are essential to

[STARS Reporting Tool](#) | [AASHE](#)

thinking critically and creatively and to understanding the responsibilities of membership in local, regional, and global communities. The cultivation and maintenance of intercultural relationships require active cultural understanding, which is achieved by exploring multiple strategies for interacting with other peoples and cultures."

<http://www.generaleducation.appstate.edu/making-local-global-connections>

The website URL where the publicly available sustainability course inventory that includes a list of degree programs that have specified sustainability learning outcomes is available:

<http://sustain.appstate.edu/academics/degree-programs>

A copy of the sustainability course inventory :

[F2011 ER8 Susty Courses by Dept.pdf](#)

A list or sample of the sustainability learning outcomes associated with the degree programs:

The learning outcomes of Making Local to Global Connections are:

IIIA. Analyze past and present relationships between humans and the natural and physical environment;

IIIB. Evaluate community, natural, and global change through the lens of sustainability;

IIIC. Demonstrate the ability to think critically and creatively about the relationship between local regions and global issues, processes, trends, and systems;

IIID. Demonstrate knowledge of contemporary issues related to cultural diversity in the United States and other areas of the world;

IIIE. Employ appropriate and increasingly sophisticated means for communicating with people of other cultures."

Undergraduate Program in Sustainability

Responsible Party

Lee Ball
Faculty
Technology

Criteria

Institution offers at least one sustainability-focused undergraduate major, degree program, or equivalent.

The degree program does not have to include sustainability in its name to count for this credit. Environmental Studies programs, for example, count as long as the program covers the social, economic, and environmental dimensions of sustainability. A program that focuses exclusively on environmental or social issues, however, would not be sufficient to earn this credit.

Concentrations within a major (e.g. a concentration on sustainable business within the business major) do not count for this credit.

"---" indicates that no data was submitted for this field

Does the institution offer an undergraduate degree program that meets the criteria for this credit?:

Yes

The name of the sustainability-focused, undergraduate degree program (1st program):

Sustainable Development

The website URL for the program (1st program):

<http://www.susdev.appstate.edu/>

The name of the sustainability-focused, undergraduate degree program (2nd program):

Appropriate Technology

The website URL for the program (2nd program):

<http://www.tec.appstate.edu/appropriate/index.htm>

The name of the sustainability-focused, undergraduate degree program (3rd program):

Environmental Science

The website URL for the program (3rd program):

<http://www.environment.appstate.edu/>

The name and website URLs of all other sustainability-focused, undergraduate degree program(s):

STARS Reporting Tool | AASHE

Building Science

<http://www.tec.appstate.edu/building/index.htm>

Graduate Program in Sustainability

Responsible Party

Lee Ball
Faculty
Technology

Criteria

Institution offers at least one sustainability-focused degree program or equivalent for graduate students.

The degree program does not have to include sustainability in its name to count for this credit. Environmental Studies programs, for example, count for this credit as long as the program covers the social, economic, and environmental dimensions of sustainability. A program that focuses exclusively on environmental or social issues, however, would not be sufficient to earn this credit.

Concentrations within a degree program (e.g. a concentration on sustainable business within an MBA program) do not count for this credit.

"---" indicates that no data was submitted for this field

Does the institution offer a graduate degree program that meets the criteria for this credit?:

Yes

The name of the sustainability-focused, graduate-level degree program (1st program):

MS of Technology Appropriate Technolgy Concentration

The website URL for the program (1st program) :

<http://www.tec.appstate.edu/graduate-programs/degrees>

The name of the sustainability-focused, graduate-level degree program (2nd program):

MS of Technology Building Science Concentration

The website URL for the program (2nd program):

<http://www.tec.appstate.edu/graduate-programs/degrees>

The name of the sustainability-focused, graduate-level degree program (3rd program):

Appalachian Studies, Sustainable Development Concentration

The website URL for the program (3rd program):

<http://www.appstudies.appstate.edu/sustainable-development-code-204c>

The name and website URLs of all other sustainability-focused, graduate-level degree program(s):

"Green - Environmentally Focused Graduate Programs at Appalachian" can be found at

<http://www.graduate.appstate.edu/admissions/programs/green.html>

Sustainability Immersive Experience

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Criteria

Institution offers at least one immersive, sustainability-focused educational study program. The program(s) may take place off-campus, overseas, or on-campus.

For this credit, the program meets one or both of the following criteria:

- it concentrates on sustainability, including its social, economic, and environmental dimensions or
- it examines an issue or topic using sustainability as a lens.

Immersive programs offered in partnership with outside entities may count for this credit. Programs offered exclusively by outside entities do not count for this credit.

Submission Note:

In addition, Appalachian has the Appalachian Costa Rica Freshman Experience where incoming freshman can register to be go to Costa Rica with a focus on "Globalization, Environmental Awareness and Sustainability, and Intercultural Competence."

<http://sustain.appstate.edu/appalachian-costa-rica-freshman-experience>

Many departments offer these types of experiences. E.g., Anthropology immersive experiences:

<http://www.anthro.appstate.edu/research>

"---" indicates that no data was submitted for this field

Does the institution offer a program that meets the criteria for this credit?:

Yes

A brief description of the sustainability-focused immersive experience(s) offered by the institution:

Appalachian's Department of Technology offers a variety of sustainability-focused immersive experiences. One such experience takes place every year in Nicaragua on an eco-coffee plantation. This two-week program focuses on sustainable development projects and the installation of renewable energy systems at the Finca Esperanza Verde ecolodge, coffee farm, and private forest reserve. In addition, students live with Nicaraguan families, learn about the flora and fauna, the culture of the region, and explore environmental issues in Nicaragua. Several visits are made to renewable energy projects and sustainable development programs in the region. Students also spend three nights in the old colonial town of Leon and visit the Pacific coast.

The website URL where information about the immersive experience is available:

<http://www.tec.appstate.edu/international/courses.htm>

Sustainability Literacy Assessment

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Criteria

Part 1

Institution conducts an assessment of the sustainability literacy of its students. The sustainability literacy assessment focuses on knowledge of sustainability topics, not values or beliefs.

Part 2

Institution conducts a follow-up assessment of the same cohort group using the same instrument.

"---" indicates that no data was submitted for this field

Has the institution conducted a sustainability literacy assessment?:

Yes

Did the assessment include a baseline evaluation of students and then a follow-up evaluation of the same cohort?:

Yes

A copy of the questions included in the sustainability literacy assessment:

[2010 Blank LiteracySurveyASU FYS UCO 1200.docx](#)

A copy of the questions included in the sustainability literacy assessment :

ASU First Year Seminar UCO 1200 (Contemporary Green Living) Sustainability Literacy Survey

This survey was conducted in two parts during the Fall of 2010. The ten question survey was designed as a pilot survey used to assess the sustainability literacy of a group of ASU freshman First Year Seminar students. The survey was administered on the first day of class. The same survey was administered again on the last day of class. The following results conclude that the student's literacy did increase. More results are needed in order to determine whether or not the course was directly responsible with the increased literacy rates.

1. Is sustainability an integral part of your life?
2. Are there any renewable energy systems on campus?
3. Does your campus prioritize energy efficiency?
4. Does your campus have a recycling program?

5. If your campus does have a recycling program, then which of the following can you recycle? (check all that apply)
6. If your campus does have a recycling program, then which of the following can you recycle at your dorm? (check all that apply)
7. Does your school have degree programs that focus on sustainability issues?
8. Does your school require incoming freshman to take courses focused on sustainability?
9. Is free local transportation available to you?
10. Are there any sustainable dining options available to you on campus?

A brief description of how the assessment was developed:

A survey tool was developed after researching literacy surveys developed at other colleges and universities.

A brief description of how the assessment was administered:

This survey was conducted in two parts during the Fall of 2010. The ten question survey was designed as a pilot survey used to assess the sustainability literacy of a group of ASU freshman First Year Seminar students. The survey was administered on the first day of class. The same survey was administered again on the last day of class.

A brief summary of results from the assessment:

The following results conclude that the student's literacy did increase after completion of the course. More results are needed in order to determine whether or not the course was directly responsible with the increased literacy rates.

The website URL where information about the literacy assessment is available:

<http://sustain.appstate.edu/sites/default/files/LiteracySurveyASU%20First%20Year%20Seminar%20UCO%201200.pdf>

Incentives for Developing Sustainability Courses

Criteria

Institution has an ongoing program or programs that offer incentives for faculty in multiple disciplines or departments to develop new sustainability courses and/or incorporate sustainability into existing courses or departments. The program aims to increase student learning of sustainability.

Incentives may include release time, funding for professional development, and trainings offered by the institution.

Incentives for expanding sustainability offerings in academic, non-credit, and/or continuing education courses count for this credit.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Research

This subcategory seeks to recognize institutions that are conducting research related to or focused on sustainability. Conducting research is a major function of many colleges and universities. By researching sustainability issues and refining theories and concepts, higher education institutions can continue to help the world understand sustainability challenges and develop new technologies, strategies, and approaches to address those challenges.

Credit
Sustainability Research Identification
Faculty Engaged in Sustainability Research
Departments Engaged in Sustainability Research
Sustainability Research Incentives
Interdisciplinary Research in Tenure and Promotion

Sustainability Research Identification

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Criteria

Part 1

Institution has developed a definition of sustainability research. The definition was developed by a committee comprised of at least three faculty members from different departments who conduct research. The committee may include students, staff, and other stakeholders as well. The definition does not have to be formally adopted.

Part 2

Institution has identified its sustainability research activities and initiatives. This research inventory should include all research centers, laboratories, departments, and faculty members whose research focuses on or is related to sustainability.

Part 3

Institution makes its sustainability research inventory publicly available online.

"---" indicates that no data was submitted for this field

Has the institution developed a definition of sustainability research?:

Yes

A copy of the institution's definition of sustainability research:

Definition of Research and Scholarly Activity

Research is the process of systematically planned and performed investigation of a problem or concept to gain new insights or knowledge into facts, principles, theories, applications, or creative works designed to develop or contribute to generalized knowledge. It may use the scientific method or other approach that reflects an open mind and verified using facts and result in the discovery, interpretation or development of methods for the advancement of human knowledge. It is important to note that this definition rightly includes creative endeavors and performances. Contributing : John Pine Director of ASU's Research Institute of Energy, Environment and Economics

Research is considered to be associated with sustainability when it exhibits or one of the following learning objectives (check one or more):

* Integration of basic and applied knowledge from multiple disciplines, including the natural and social sciences, to analyze human-environment interactions;

* Analysis of trade-offs or co-benefits involved in managing resources for the social, economic, and environmental welfare of current and future generations;

* Development of alternative strategies for the use of natural, human, and fiscal resources that are compatible with the constraints on these resources;

* Implementation of practical solutions to socioeconomic and environmental challenges, relating to energy, technology, ecosystems, social transformations, food systems, policy, and governance.

Has the institution identified its sustainability research activities and initiatives?:

Yes

A brief description of the methodology the institution followed to complete the inventory:

A survey to all tenure-track faculty sought to capture names, departments and research title and abstract information for all research and creative endeavors that relate to sustainability.

Research is considered to exhibit a sustainability attribute when it pertains to one or more of the following:

- Integration of basic or applied knowledge from multiple disciplines, including the natural and social sciences, to analyze human-environment interactions;
- Analysis of the management of resources for the social, economic, and environmental welfare of current and/or future generations;
- Development of alternative strategies for the current or future use of our natural, human (social/cultural), built, or economic resources;
- Implementation of practical solutions that address challenges to our social cultural, economic, built or environmental resources.

If faculty members could answer yes to any of this criteria, the survey considers their research and creative endeavors to hold a sustainability attribute.

This survey was developed by the Office of Sponsored Programs, the Research Institute for Energy, Environment and Economics, and the Office of Sustainability.

Does the institution make its sustainability research inventory publicly available online?:

Yes

The website URL where the sustainability research inventory is posted (required if claiming Part 3 of the credit):

<http://sustain.appstate.edu/research>

Faculty Engaged in Sustainability Research

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Criteria

Institution's faculty members conduct research on sustainability topics.

Any level of sustainability research by a faculty member is sufficient to be included for this credit. In other words, a faculty member who conducts both sustainability research and other research may be included.

Submission Note:

This data comes from a survey that went only to tenure track faculty members. There was a 30% response rate.

We are considering statistical analysis to include potential 'non-response' bias. If this analysis is done, the percentage will be adjusted up or down accordingly.

"---" indicates that no data was submitted for this field

The number of faculty members engaged in sustainability research:

116

The total number of faculty members engaged in research:

736

Names and department affiliations of faculty engaged in sustainability research:

Department Faculty Name
Accounting Dr. Tammy Kowalczyk
Accounting Susan Anderson
Accounting Anonymous
Anthropology Susan E. Keefe
Anthropology Thomas R. Whyte
Anthropology Patricia Beaver
Anthropology Cheryl Claassen
Anthropology Anonymous
Art Jody Servon
Art Marilyn Smith
Art Jim Toub
Art Janet Montgomery

Art April Flanders
Biology Howard S. Neufeld
Biology S. Brauer
Biology Steve Seagle
Biology Eva Gonzales
Biology Gary Walker
Biology Zack Murrell
Biology Shea Tuberty
Biology Susan Edwards
Biology Lynn Siefferman
Biology Robert Creed
Chemistry Nicole Bennett
Chemistry Michael Hambourger
Chemistry Brett Taubman
Chemistry Alexander D. Schwab
Communication Lynn Gregory
Communication Sciences and Disorders Charles Robin Morehouse
Computer Information Systems Charlie C. Chen
Computer Science James Wilkes
Computer Science Rahman Tashakkori
Curriculum and Instruction Lisa A. Gross
Economics Peter Groothuis
Economics John Whitehead
Economics TL Cherry
Economics Michael McKee
Economics Dave McEvoy
English Colin T. Ramsey
English, Watauga Global Community Joseph Bathanti
English, University Writing Center Beth Carroll
Family Consumer Sciences Anonymous
Geography and Planning J. Rosie Tighe
Geography and Planning Saskia L. Van De Gevel
Geography and Planning John C. Pine
Geography and Planning Jeffrey D. Colby
Geography and Planning Kathleen Schroeder
Geography and Planning Jana Carp
Geology Sarah Carmichael
Geology Chuanhui Gu
Global Studies Jeanne Dubino
Government and Justice Studies Nancy Sue Love
Government and Justice Studies Tatyana Ruseva
Government and Justice Studies Hartman
Government and Justice Studies Ruth Ann Strickland
Hayes School of Music Susan W Mills
Health, Leisure, and Exercise Science Andrew Shanely
Health, Leisure, and Exercise Science Eric Frauman
Health, Leisure, and Exercise Science Erik Rabinowitz
Health, Leisure, and Exercise Science Melissa Weddell

History Neva J. Specht
History Rene Harder Horst
Human Development and Psychological Counseling Christina Rosen Galvin
Human Development and Psychological Counseling Geri Miller, Ph.D.
Human Development and Psychological Counseling Sally Atkins
Leadership and Educational Studies Paul Wallace
Leadership and Educational Studies John Tashner
Leadership and Educational Studies Robert Sanders
Leadership and Educational Studies Hunter Boylan
Library Elizabeth Cramer
Library Allan Scherlen
Management James William Westerman
Management Richard Pouder
Management Joseph Daly
Management Heather Dixon-Fowler
Management Rick Cotton
Marketing Eva Hyatt
Masters Business Administration Joseph Cazier
Mathematical Sciences Tracie McLemore Salinas
Mathematical Sciences Sarah Greenwald
Mathematical Sciences Eric Marland
Mathematical Sciences René A. Salinas
Mathematical Sciences Kevin Shirley
Mathematical Sciences Witold Kosmala
Nutrition and Health Care Management Anonymous
Philosophy and Religion Shawn Arthur
Philosophy and Religion Dr. Kim Q. Hall
Philosophy and Religion Thomas B. Ellis
Physics and Astronomy Brad Conrad
Physics and Astronomy Chris Thaxton
Physics and Astronomy James Sherman
Psychology Lisa Emery
Psychology Shawn Bergman
Psychology Lisa Curtin
Psychology Kurt Michael
Reading Education and Special Education Larry Kortering
Social Work Gail Leedy
Social Work Lauren Renkert
Sociology Ed Rosenberg
Sociology Anonymous
Sustainable Development Sandra Lubarsky
Sustainable Development Christof den Biggelaar
Technology and Environmental Design Marie Hoepfl
Technology and Environmental Design C. A. Debelius
Technology and Environmental Design David Domermuth
Technology and Environmental Design Jeff Tiller
Technology and Environmental Design Sidney G. Connor
Technology and Environmental Design R. Chadwick Everhart

Technology and Environmental Design Donald Corey
Technology and Environmental Design Susan Doll
Technology and Environmental Design Anonymous
Theatre and Dance Ray Miller
Theatre and Dance Kin-Yan Szeto

The website URL where the sustainability research inventory that includes the names and department affiliations of faculty engaged in sustainability research is posted :

<http://sustain.appstate.edu/research>

A copy of the sustainability research inventory that includes the names and department affiliations of faculty engaged in sustainability research:

Brief descriptions of up to 4 recent notable accomplishments by faculty engaged in sustainability research, including names and department affiliations:

-The Solar Homestead, Appalachian State University's department of Technology & Environmental Design's entry in the Department of Energy's Solar Decathlon 2011 competition, a student-designed, student-built, net zero-energy house, won first place in the People's Choice Award, second place in the communications competition and third place in the architecture competition.

-Appalachian's Department of Technology has had huge successes in the U.S. Environmental Protection Agency's annual P3 (People, Prosperity and the Planet) Competition, winning more projects than any other university in the state and ranking among the top participating schools in the nation.

The website URL where information about sustainability research is available:

<http://sustain.appstate.edu/research>

Departments Engaged in Sustainability Research

Responsible Party

Jim Dees

Data and Assessment Specialist

Office of Sustainability

Criteria

Institution's academic departments include faculty members who conduct sustainability research.

Any level of sustainability research by a faculty member in a department is sufficient for this credit.

"---" indicates that no data was submitted for this field

The total number of academic departments that conduct research:

47

The number of academic departments in which at least one faculty member engages in sustainability research:

34

A list of academic departments in which at least one faculty member engages in sustainability research:

The website URL where the sustainability research inventory that includes the departments engaged in sustainability research is posted:

<http://sustain.appstate.edu/research>

A copy of the sustainability research inventory that includes the departments engaged in sustainability research:

Sustainability Research Incentives

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Criteria

Part 1

Institution has an ongoing program to encourage students in multiple disciplines or academic programs to conduct research in sustainability. The program provides students with incentives to research sustainability. Such incentives may include, but are not limited to, fellowships, financial support, and mentorships.

Part 2

Institution has an ongoing program to encourage faculty from multiple disciplines or academic programs to conduct research in sustainability topics. The program provides faculty with incentives to research sustainability. Such incentives may include, but are not limited to, fellowships, financial support, and faculty development workshops.

"---" indicates that no data was submitted for this field

Does the institution have a program to encourage student sustainability research that meets the criteria for this credit?:

Yes

A brief description of the institution's program(s) to encourage student research in sustainability:

The Appalachian State University Energy Center provides student research grants as a financial incentive to conduct research related to energy and sustainability. The grants, up to \$500 per student, are offered on a competitive basis and support student travel, supplies and equipment for research related to energy policy, renewable energy, smart grid development, climate change and energy efficiency. Grants were awarded to both undergraduate and graduate students in collaboration with the University Office of Student Research.

Student research is also facilitated through graduate assistantships and part time work with faculty with support from sponsored faculty research. Many graduate and undergraduate students have the opportunity to engage in research initiatives throughout their time at the university. In many cases, the students assist in the preparation on not only support activities associated with the research project but also in conference or workshop presentations or the preparation of project posters which describe the nature of the research initiative.

Graduate and undergraduate students also take advantage of working individually with faculty in directed or independent studies. Projects are designed to allow the student to concentrate on special projects and focus their studies on a policy or problem. Many of the students use this to further their understanding of energy and sustainability related topics and issues.

The website URL where information about the student research program is available:

<http://www.news.appstate.edu/2010/03/30/energy-center-awards-student-research-grants/>

Does the institution have a program to encourage faculty sustainability research that meets the criteria for this credit?:

Yes

A brief description of the institution's program(s) to encourage faculty research in sustainability:

The Appalachian State University Energy Center has a stated mission to facilitate the work of faculty and students engaged in teaching, research and outreach activities associated with energy technologies, conservation, and policy.

Appalachian Energy Center (AEC) at Appalachian State University was established in 2001 to conduct energy research and applied program activities in a multi-disciplinary environment. It focuses on energy efficiency, renewable energy, policy analysis, forecasting, and economic development. The AEC ties together faculty and staff from many different programs, departments, and colleges of the University including: Building Science, Appropriate Technology, Geography and Planning, Economics, Biology, Chemistry, Physics, and Political Science.

AEC operates under the umbrella of Appalachian's Research Institute for Environment, Energy, and Economics (RIEEE) which was established in November 2008 to enhance research opportunities for faculty and students whose interests are associated with environmental science, renewable energy and economics. The RIEEE has three centers. Each center has research clusters all revolving around sustainability. Summaries of activities within each of the research clusters of the centers is included in the RIEEE Annual Report. When faculty submit a proposal a portion of the indirect cost goes back to the principal investigator/s as research seed money.

The RIEEE and the University Office of Sponsored Programs also provide competitive grants to support faculty research activities and supports faculty and student travel.

The website URL where information about the faculty research program is available:

<http://rieee.appstate.edu/research>

Interdisciplinary Research in Tenure and Promotion

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Criteria

Institution gives positive recognition to interdisciplinary, transdisciplinary, and multidisciplinary research during faculty promotion and tenure decisions.

"---" indicates that no data was submitted for this field

Does the institution's treatment of interdisciplinary research meet the criteria for this credit?:

Yes

A brief description or a copy of the institution's policy regarding interdisciplinary research:

No distinction is made between research that is singular or inter-, trans-, or multi-disciplinary (IDR) in nature. Therefore, any research that faculty engage in for tenure and promotion has positive recognition because positive recognition is given for any research.

Here are two examples of support for interdisciplinary research. The first, supported by Appalachian's Campus Master Plan, states that the institution has established five interdisciplinary research sectors designed to enable scholars to better exchange ideas and explore emerging research areas and to work more effectively with industry, other research organizations and the community. These research sectors are powerful centers of creativity, in which teams of researchers from a wide range of disciplines collaborate across traditional boundaries to bring research knowledge to bear on issues of intellectual, scientific, social, economic, environmental and cultural importance."

<http://www.orsp.appstate.edu/funding/internal/urc>

The second supporting document to IDR is through the University Research Council. The mission of this council is "to stimulate, encourage, and support research across all segments of the University community."

<http://facultyexperts.appstate.edu/faculty-staff-experts-graduate-school-listing>

The website URL where information about the treatment of interdisciplinary research is available:

<http://www.orsp.appstate.edu/funding/internal/urc>

Operations

Buildings

This subcategory seeks to recognize institutions that are taking steps to improve the sustainability performance of their buildings. Buildings are generally the largest user of energy and the largest source of greenhouse gas emissions on campuses. Buildings also use significant amounts of potable water. Institutions can design, build, and maintain buildings in ways that provide a safe and healthy indoor environment for inhabitants while simultaneously mitigating the building’s impact on the outdoor environment.

Credit
Building Operations and Maintenance
Building Design and Construction
Indoor Air Quality

Building Operations and Maintenance

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Criteria

Institution owns and operates buildings that are:

1) Certified under the LEED® for Existing Buildings: Operations & Maintenance (O&M) Green Building Rating System,

and/or

2) Operated and maintained in accordance with sustainable operations and maintenance guidelines and policies that cover the following:

- Impacts on the surrounding site
 - Energy consumption
 - Usage of environmentally preferable materials
 - Indoor environmental quality
 - Water consumption
-

"---" indicates that no data was submitted for this field

Total building space that meets "Eligible Buildings Criteria":

4,041,375 *Square Feet*

Building space that is maintained in accordance with sustainable building operations and maintenance guidelines or policies but is NOT certified under LEED for Existing Buildings: O&M:

4,041,375 *Square Feet*

Building space that is LEED for Existing Buildings: O&M Certified :

0 *Square Feet*

Building space that is LEED for Existing Buildings: O&M Silver certified :

0 *Square Feet*

Building space that is LEED for Existing Buildings: O&M Gold certified :

0 *Square Feet*

Building space that is LEED for Existing Buildings: O&M Platinum certified :

STARS Reporting Tool | AASHE

The website URL where a copy of the institution's guidelines or policies for sustainable building operations and maintenance is available :

<http://sustain.appstate.edu/initiatives/campus-initiatives/buildings-lead>

An electronic copy of the guidelines or policies:

[ASU_Strat_Energy_Plan_2011_Signed.pdf](#)

The date(s) the policies or guidelines were adopted:

2007

A brief description of how the institution ensures compliance with sustainable building operation and maintenance guidelines and policies:

Any and all ASU employees are obligated to abide by all state laws including SL 2007-546 establishing the goal of reducing energy consumption in state agencies by 20% by the end of fiscal year 2009-2010 and 30% by the end of fiscal year 2014-2015 from a 2003-2004 baseline year.

<http://www.ncleg.net/sessions/2007/bills/senate/html/s668v6.html>

The names and certification levels of all buildings that are certified under LEED for Existing Buildings: O&M:

The names of all buildings operated and maintained in accordance with similar sustainable operations and maintenance guidelines and policies:

CHAPELL WILSON HALL
EDWIN DUNCAN HALL
APPALAIR (SHED)
NORTH CAROLINA RESEARCH CAMPUS - KANNAPOLIS
STUDENT RECREATION CENTER
RANKIN SCIENCE SOUTH (NEW)
LIBRARY PARKING DECK
CENTRAL DINING HALL
COLLEGE OF EDUCATION
INDOOR PRACTICE FACILITY
PEDESTRIAN BRIDGE
MCKINNEY ALUMNI CENTER
CONSTRUCTION TRAILER

ASU-TOWN WATER INTERCONNECT
ELECTRICAL FOR NEW DORM - TEMPORARY
TEMPORARY CRANE SERVICE FOR NEW LLC
RESIDENCE TOWER SITE
PLEMMONS ADDITION
SINGING NEWS BUILDING
BARN-BLACKBURN/VANNOY TRUST
CAMP BROADSTONE
DARK SKY OBSERVATORY
ALL DORMS - GENERAL HOUSING
ALL CAMPUS GROUNDS
CONFIDENCE COURSE
UNIVERSITY TENNIS COURTS
OUTDOOR LIGHTING
GREER HALL (I.G. GREER)
D. D. DOUGHERTY BUILDING
L. S. DOUGHERTY BUILDING
LUCY BROCK CHILD CENTER
RANKIN SCIENCE WEST (OLD)
SMITH WRIGHT HALL
KATHERINE HARPER / KERR SCOTT
ANNE BELK HALL
SANFORD HALL
VARSITY GYMNASIUM
WALKER HALL (JOHN A. WALKER)
WEY HALL (HERBERT W. WEY)
BROYHILL MUSIC CENTER
LEGENDS
QUINN RECREATION CENTER
RALEY HALL (THELMA C. RALEY)
TURCHIN ART CENTER
PLEMMONS STUDENT UNION
OWENS FIELD HOUSE
KIDD BREWER STADIUM
DOUGHERTY ADMIN BUILDING (B. B. DOUGHERTY)
FOUNDERS HALL
WINKLER RESIDENCE HALL
PSYCHOLOGY RESEARCH HOUSE
UNIVERSITY BOOKSTORE
FRANK RESIDENCE HALL
BELK RESIDENCE HALL
MILES ANNAS STUDENT SERVICES
TRIVETTE HALL
J. C. GREENE CHILD CARE CENTER
BEASLEY BROADCASTING COMPLEX
CHANCELLOR'S HOME (APPALACHIAN HOUSE)
BOWIE RESIDENCE HALL
JUSTICE RESIDENCE HALL

NEWLAND RESIDENCE HALL
GARDNER RESIDENCE HALL
COLTRANE RESIDENCE HALL
DOUGHTON RESIDENCE HALL
EAST RESIDENCE HALL
HOEY RESIDENCE HALL
LOVILL RESIDENCE HALL
WHITE RESIDENCE HALL
CANNON RESIDENCE HALL
CONE RESIDENCE HALL
EGGERS RESIDENCE HALL
FARTHING AUDITORIUM
APPALACHIAN HEIGHTS
JET (JOHN E. THOMAS HALL)
STEAM / BOILER PLANT
ESTES APTS / BLDG SERVICES
CAP SCIENCE COMPLEX
HOLMES CONVOCATION CENTER

Building Design and Construction

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Criteria

Institution-owned buildings that were constructed or underwent major renovations in the past three years are:

1) Certified under the LEED® for New Construction and Major Renovations, LEED for Commercial Interiors, and/or LEED for Core and Shell Green Building Rating Systems,

and/or

2) Designed and built in accordance with green building guidelines and policies that cover the following topics:

- Impacts on the surrounding site
 - Energy consumption
 - Usage of environmentally preferable materials
 - Indoor environmental quality
 - Water consumption
-

Submission Note:

See

<http://www.nc-sco.com/documents/guidelines/EEREPORT.pdf>

"---" indicates that no data was submitted for this field

New building space that meets "Eligible Buildings Criteria":

317,109 *Square Feet*

New building space that was designed and constructed in accordance with green building policies or guidelines but not LEED certified:

157,775 *Square Feet*

New building space that is LEED Certified :

0 *Square Feet*

New building space that is LEED Silver certified:

0 Square Feet

New building space that is LEED Gold certified :

159,334 Square Feet

New building space that is LEED Platinum certified:

0 Square Feet

The website URL where a copy of the institution's guidelines or policies for green building is available :

http://www.ncga.state.nc.us/EnactedLegislation/Statutes/HTML/ByArticle/Chapter_143/Article_8C.html

An electronic copy of the guidelines or policies :

[UNC Sustainability Policy.pdf](#)

The date(s) the policies or guidelines were adopted:

Oct 9, 2009

A brief description of how the institution ensures compliance with green building design and construction guidelines and policies:

This NC General Statute applies to buildings over 20,000 gross sf or greater and requires energy performance modeling, reporting and verification, with commissioning.

The names of all buildings that are certified under the LEED for New Construction and Major Renovations, LEED for Commercial Interiors, and/or LEED for Core and Shell Green Building Rating Systems:

Frank Hall

Mountaineer Hall

four other buildings are pending

The names of all buildings designed and constructed in accordance with green building guidelines and policies but not LEED certified:

AppalCART Operations and Maintenance Facility

Belk Library and Information Commons

Cone Residence Hall

George G. Beasley Broadcasting Complex

Plemmons Student Union Addition

Reich College of Education

Summit Residence Hall

Indoor Air Quality

Responsible Party

Crystal Simmons

Outreach and public relations
Office of Sustainability

Criteria

Institution has adopted an indoor air quality management policy, plan, and/or practices that include regular auditing or monitoring and a mechanism for occupants to register complaints. Policies and plans adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

Submission Note:

Appalachian State has a written procedure for reporting indoor air quality complaints (see <http://safety.appstate.edu/indoor-air-quality>) and conducts routine preventative maintenance of the HVAC equipment.

General description of IAQ response:

* If the concern seems mechanical (e.g. HVAC) system or leak-related, then directed to Physical Plant.

* If the concern seems related to an obvious source of non-life-threatening contamination (e.g. fumes from idling vehicles or construction equipment/activities), the source of the activity is asked to cease the activity and/or relocate the activity.

* If the concern seems related to anything else, then the Occupational Safety & Health Office visits the site and investigates to the extent appropriate.

* If the concern sounds at all like life or health is threatened, The Occupational Safety & Health Office goes immediately to the location to investigate. These are chemical exposure issues, not IAQ.

"---" indicates that no data was submitted for this field

Occupied building space covered by an indoor air quality plan, policy, and/or practices that include regular auditing or monitoring and a mechanism for occupants to register complaints :

4,041,375 Square Feet

Total occupied building space :

4,041,375 Square Feet

A brief description of the institution's indoor air quality plan, policy, and/or practices:

Appalachian State maintains a plan for indoor air quality procedure, both to deal with registered complaints and to maintain the HVAC equipment that can cause poor IAQ. See Public Notes for specific information regarding this procedure.

The website URL where information about the institution's indoor air quality initiatives is available:

<http://safety.appstate.edu/indoor-air-quality>

Climate

This subcategory seeks to recognize institutions that are measuring and reducing their greenhouse gas emissions. Global warming is expected to have myriad negative impacts throughout the world, including increased frequency and potency of extreme weather events, sea level rise, species extinction, water shortages, declining agricultural production, and spread of diseases. The impacts are expected to be particularly pronounced for poor communities and countries.

Credit
Greenhouse Gas Emissions Inventory
Greenhouse Gas Emissions Reduction
Air Travel Emissions
Local Offsets Program

Greenhouse Gas Emissions Inventory

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Criteria

Part 1

Institution has conducted a GHG emissions inventory covering its Scope 1 and Scope 2 emissions. The GHG emissions inventory is publicly available, either through the American College & University Presidents' Climate Commitment reporting site, the institution's website, or another public website.

Part 2

Institution has conducted a GHG emissions inventory covering Scope 3 emissions. The GHG emissions inventory is publicly available, either through the American College & University Presidents' Climate Commitment reporting site, the institution's website, or another public website.

"---" indicates that no data was submitted for this field

The website URL where the GHG emissions inventory is posted:

<http://rs.acupcc.org/search/?abs=&q=Appalachian%20State%20University>

Does the inventory include all Scope 1 and 2 emissions?:

Yes

Does the inventory include emissions from air travel?:

Yes

Does the inventory include emissions from commuting?:

Yes

Does the inventory include embodied emissions from food purchases?:

No

Does the inventory include embodied emissions from other purchased products?:

Yes

Does the inventory include emissions from solid waste disposal?:

Yes

Does the inventory include another Scope 3 emissions source not covered above?:

Yes

If yes, please specify:

study abroad travel and university directly financed train, taxi, ferry, rental cars, and buses.

Does the inventory include a second Scope 3 emissions source not covered above?:

Yes

If yes, please specify :

paper purchasing

Does the inventory include a third Scope 3 emissions source not covered above?:

Yes

If yes, please specify :

emissions related to personal mileage reimbursement

Does the inventory include a fourth Scope 3 emissions source not covered above?:

Yes

If yes, please specify :

wastewater

Greenhouse Gas Emissions Reduction

Responsible Party

Jim Dees

Data and Assessment Specialist

Office of Sustainability

Criteria

Institution reduced its net Scope 1 and Scope 2 GHG emissions per weighted campus user compared to a 2005 baseline.

For this credit, off-site, institution-catalyzed carbon offsets (i.e. those popularly known as “local offsets”) count in full. Purchased carbon offsets that have been verified by a third party may count towards a portion of the reduction. Purchased offsets that have not been third-party verified do not count.

To conduct a GHG emissions inventory, campuses may use any methodology and/or calculator that is consistent with the Greenhouse Gas Protocol's Corporate Accounting and Reporting Standards.

The baseline GHG emissions inventory should include the same emissions sources as the performance year emissions inventory.

“---” indicates that no data was submitted for this field

Scope 1 and 2 gross GHG emissions, 2005 :

49,658 Metric Tons of CO2 Equivalent

Off-site, institution-catalyzed carbon offsets generated, 2005:

0 Metric Tons of CO2 Equivalent

Third-party verified carbon offsets purchased, 2005:

0 Metric Tons of CO2 Equivalent

On-campus residents, 2005:

4,910

Non-residential/commuter full-time students, faculty, and staff members, 2005:

10,003

Non-residential/commuter part-time students, faculty, and staff members, 2005:

2,304

Scope 1 and 2 gross GHG emissions, performance year :

48,942 *Metric Tons of CO2 Equivalent*

Off-site, institution-catalyzed offsets generated, performance year:

0 *Metric Tons of CO2 Equivalent*

Carbon offsets purchased, performance year:

0 *Metric Tons of CO2 Equivalent*

List the start and end dates of the GHG emissions performance year:

July 2010 - June 2011

On-campus residents, performance year:

5,470

Non-residential/commuter full-time students, faculty, and staff members, performance year:

12,369

Non-residential/commuter part-time students, faculty, and staff members, performance year:

1,010

Time period for weighted campus user (list the consecutive 12 month period that most closely overlaps with GHG performance year):

July 2010 - June 2011

Air Travel Emissions

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have policies and/or programs in place to reduce emissions from air travel?:

Yes

A brief description of the policies and/or programs:

Service Learning Alternative Break program is carbon neutral as of 2011. All trips measured their carbon footprint and created strategies to reduce and eliminate their emissions.

The website URL where information about the policies and/or programs is available:

<http://theappalachianonline.com/campus/7091-asb-goes-carbon-neutral>

Local Offsets Program

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Submission Note:

Our Building Science Program does offer weatherization assistance to local community members as part of a funded ARRA grant program. To date, we have not captured the data necessary to calculate/claim carbon offsets.

See #3 under 'Proposals Awarded' on pages 12 & 13:

<http://sustain.appstate.edu/sites/default/files/AEC%20Annual%20Report%202009-2010.pdf>

"---" indicates that no data was submitted for this field

Does the institution have a local offsets program through which the institution seeks to offset its greenhouse gas emissions by implementing projects that reduce GHG emissions in the local community?:

No

A brief description of the program:

As an institution, we prefer to invest available money into renewable energy projects instead of local offsets.

The website URL where information about the program is available:

Dining Services

This subcategory seeks to recognize institutions that are supporting a sustainable food system. Modern industrial food production often has deleterious environmental impacts. Pesticides and fertilizers used in agriculture can contaminate ground and surface water, which has potentially dangerous impacts on wildlife and human health. Furthermore, the often long-distance transportation of food to institutions produces greenhouse gas emissions and other pollution. Additionally, farm workers are often paid substandard wages, subjected to harsh working conditions, and exposed to dangerous pesticides. Institutions can use their food purchases to support their local economies; encourage safe, environmentally-friendly farming methods; and help alleviate poverty for farmers.

Please note that while dining services can also play an important role in conserving energy and water, reducing waste, and purchasing environmentally preferable materials other than food, STARS measures these impacts across the institution instead of by department; therefore, the benefits of these actions are captured in the Energy, Water, Waste, and Purchasing subcategories, respectively.

Credit
Food and Beverage Purchasing
Trayless Dining
Vegan Dining
Trans-Fats
Guidelines for Franchisees
Pre-Consumer Food Waste Composting
PostConsumer Food Waste Composting
Food Donation
Recycled Content Napkins
Reusable Container Discounts
Reusable To-Go Containers

Food and Beverage Purchasing

Responsible Party

Art Kessler

Director of Food Services

Food Services

Criteria

This credit includes food and beverage purchases for on-campus dining services operated by the institution or the institution's primary on-site contractor. Institution purchases food and beverages that meet at least one of the following criteria:

- Grown and processed within 250 miles of the institution
- Third-party certified (USDA Certified Organic, Marine Stewardship Council Blue Ecolabel, Food Alliance, Fair Trade, Certified Humane Raised and Handled)

Food and beverage purchases that meet multiple criteria listed above should not be double-counted.

This credit includes food and beverage purchases for on-campus dining operations and catering services operated by the institution or the institution's primary dining services contractor (e.g. Aramark, Bon Appétit Management Company, Chartwells, Sodexo). On-site franchises, convenience stores, vending machines, or concessions are excluded from this credit unless they are operated by the institution or the institution's primary on-site contractor..

Submission Note:

We have an active local food program that takes much of its direction from the 2010 Local Food Report.

<http://www.foodservices.appstate.edu/sites/default/files/AppalachianLocalFoodInitiative5-20-2010.pdf>

"---" indicates that no data was submitted for this field

Percentage of food expenditures that meet one or more of the criteria for this credit (0 - 100):

11

A brief description of the sustainable food and beverage purchasing program:

Appalachian Food Services, while required to adhere to North Carolina's State purchasing guideline, is committed to purchasing locally and sustainably.

We are purchasing 10% local anticipating additional growth in subsequent years. Defining "local" as products grown and/or produced within 250 miles of Appalachian with an emphasis on NC & SC as well as Third Party certified products, we have worked with our nationwide distributors to determine what local products we are currently purchasing. We have published this "Always Local" list on our [STARS Reporting Tool | AASHE](#) Snapshot | Page 70

website (

<http://www.foodservices.appstate.edu/about/sustainability/always-local-list>

) and have printed static clings to identify these items on the serving lines. Key items include: eggs, dairy products, fair trade coffee, organic tempeh and yogurts, poultry and pork products, and sweet potatoes.

To grow our local percentage, we have established open lines of communication with local growers/producers and have purchased in-season produce as well as items for special events and catering. We aim to build on these relationships while seeking out new ones. To illustrate our commitment to the campus community, we have scheduled a monthly local meal series, Carolina Chowdown: A Local Food Feast.

We continue to seek out companies with good sustainability practices as well as research how to improve our own. Currently, we purchase meat, frozen vegetables and other food items in bulk to eliminate excess packaging. We also utilize returnable racks for our bread, milk and water deliveries.

Moving forward, we will continue to work with our distributors to identify additional local and sustainable products, strengthen existing relationships with local growers/producers and explore new ones, and continue to respond to the demands for local food and sustainable practices at Appalachian.

The Website URL where information about the institution's sustainable food and beverage purchasing efforts is available:

<http://foodservices.appstate.edu/about/sustainability>

Responsible Party

Art Kessler

Director of Food Services

Food Services

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Responsible Party

Art Kessler

Director of Food Services

Food Services

"---" indicates that no data was submitted for this field

Does the institution offer diverse, complete-protein vegan dining options during every meal?:

Yes

A brief description of the vegan dining program:

We have numerous vegetarian and vegan selections; 72 item salad bar available at Rivers Street Cafe and concepts such as Healthy Selections which strictly serves vegan and vegetarian dishes. We also offer vegetarian and vegan items at Sandwich, Pizza, Pasta, Home style, Grill and Grab & Go concepts. In fact, almost all concepts offer at least one vegetarian option during each meal period.

The website URL where information about the program, policy, or practice is available:

<http://www.foodservices.appstate.edu/menus>

Responsible Party

Art Kessler

Director of Food Services

Food Services

"---" indicates that no data was submitted for this field

Does the institution use frying oil that does not include trans-fats and seek to avoid foods that include trans-fats in its dining operations?:

Yes

A brief description of the trans-fats avoidance program, policy, or practice:

Appalachian State University Dining Services uses completely trans-fat free oil for its frying. Dining Services began the transition to trans-fat free oils at least three years ago, as soon as the trans-fat free oils became available. We felt it was our responsibility to our customers to make the change to trans-fat free oils and products wherever possible.

The website URL where information about the program, policy, or practice is available:

<http://www.foodservices.appstate.edu/dining/nutrition-resources>

Guidelines for Franchisees

Responsible Party

Art Kessler

Director of Food Services

Food Services

"---" indicates that no data was submitted for this field

Has the institution adopted sustainability policies or guidelines for food service franchisees operating on campus?:

Yes

A brief description of the guidelines for franchisees:

In our McAlister's Deli franchise we have made it a policy for our on campus servers to ask the customer if they would like to have their order placed into a bag rather than just giving a bag with every take out order. We have greatly reduced the amount of plastic bags used by instituting this policy.

The website URL where information about the guidelines is available:

Pre-Consumer Food Waste Composting

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have a pre-consumer food waste composting program?:

Yes

A brief description of the pre-consumer food waste composting program:

We collect pre-consumer food waste from all campus dining preparation facilities for composting. The food waste is hauled away daily to a composting site on campus.

The overall percentage of meals for which pre-consumer scraps are composted:

100

The percentage of meal plan meals for which pre-consumer scraps are composted:

100

The percentage of retail facility meals for which pre-consumer scraps are composted:

100

The percentage of conference meals for which pre-consumer scraps are composted:

90

The website URL where information about the composting program is available:

<http://foodservices.appstate.edu/sustainability>

PostConsumer Food Waste Composting

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have a postconsumer food waste composting program?:

Yes

A brief description of the postconsumer food waste composting program:

Begging in Fall 2013 all major Student Programs events have mandatory post consumer composting. All other events composting will be optional.

Appalachian completed construction of a post consumer waste composting facility Fall 2011. The expanded facility increases food waste diversion up to 275 tons.

The percentage of overall meals for which postconsumer composting is available:

1

The percentage of meal plan meals for which postconsumer composting is available:

0

The percentage of retail facilities for which postconsumer composting is available:

0

The percentage of conference meals for which postconsumer composting is available:

0

The website URL where information about the composting program is available:

<http://www.news.appstate.edu/2011/11/21/appalachian-opens-new-compost-facility/>

Food Donation

Responsible Party

Art Kessler

Director of Food Services

Food Services

"---" indicates that no data was submitted for this field

Does the institution donate leftover or surplus food?:

Yes

A brief description of the food donation program:

Dining Services donates left over food to a local organization, "The Hunger Coalition", who makes a pick up every day. Prior to this, the food was donated to another local organization, "The Hospitality House". This leftover food donation program has been in existence since at least 2007.

The website URL where information about the food donation program is available:

<http://www.foodservices.appstate.edu/sites/default/files/AppalachianFoodServices-Sustainability.pdf>

Recycled Content Napkins

Responsible Party

Art Kessler

Director of Food Services

Food Services

"---" indicates that no data was submitted for this field

Does the institution use recycled content napkins in its dining service operations?:

Yes

A brief description of the purchasing behavior:

The napkins used in Dining Services are 100% recycled. Dining Services moved the location of the napkins from the serving line to the tables. This allows customers to use only as many napkins as they actually need, not as many as they may think they will need as they go through the serving line. This simple change has cut napkin use by approximately 50%.

The website URL where information about the purchasing is available:

Reusable Container Discounts

Responsible Party

Art Kessler

Director of Food Services

Food Services

"---" indicates that no data was submitted for this field

Does campus dining operations offer discounts to customers who use reusable mugs instead of disposable cups in to-go food service operations?:

Yes

A brief description of the reusable mug program:

Dining Services offers a 10% discount on beverages when the customer brings in their reusable mug. They also have BPA free drinking containers for sale. This purchase includes the first fill-up for free, along with the 10% discount on all subsequent beverage purchases.

Amount of the discount offered for using reusable mugs:

10

Description of other reusable food- or beverage-related programs (e.g. incentives for use of reusable bags, dishware, to-go containers):

The website URL where information about the reusable mug discount program is available:

<http://www.foodservices.appstate.edu/sites/default/files/AppalachianFoodServices-Sustainability.pdf>

Reusable To-Go Containers

Responsible Party

Art Kessler

Director of Food Services

Food Services

"---" indicates that no data was submitted for this field

Does campus dining operations provide reusable containers for to-go food that are returned for cleaning and reuse?:

Yes

A brief description of the reusable to-go container program:

We are currently piloting the use of reusable containers. Once pilot is conducted and successful, we plan to expand this program.

The website URL where information about the reusable to-go container program is available:

Energy

This subcategory seeks to recognize institutions that are reducing their energy consumption through conservation and efficiency, and switching to cleaner and renewable sources of energy such as solar, wind, geothermal, and low-impact hydropower. For most institutions, energy consumption is the largest source of greenhouse gas emissions, which cause global warming. Global warming is expected to have myriad negative impacts throughout the world, including increased frequency and potency of extreme weather events, sea level rise, species extinction, water shortages, declining agricultural production, and spread of diseases. The impacts are expected to be particularly pronounced for poor communities and countries. In addition to causing global warming, energy generation from fossil fuels, especially coal, produces air pollutants such as sulfur dioxide, nitrogen oxides, mercury, dioxins, arsenic, cadmium and lead. These pollutants contribute to acid rain as well as health problems such as heart and respiratory diseases and cancer. Coal mining and oil and gas drilling can also damage environmentally and/or culturally significant ecosystems. Nuclear power creates highly toxic and long-lasting radioactive waste. Large-scale hydropower floods habitat and disrupts fish migration.

Implementing conservation measures and switching to renewable sources of energy can help institutions save money and protect them from utility rate volatility. Renewable energy may be generated locally and allow campuses to support local economic development. Furthermore, institutions can help shape markets by creating demand for cleaner, renewable sources of energy.

Credit
Building Energy Consumption
Clean and Renewable Energy
Timers for Temperature Control
Lighting Sensors
LED Lighting
Vending Machine Sensors
Energy Management System
Energy Metering

Building Energy Consumption

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Criteria

Institution has reduced its total building energy consumption per gross square foot of building space compared to a 2005 baseline.

To aggregate energy consumption data from multiple sources, figures should be converted into MMBtu (one million British thermal units – a standard measure of energy) using the following equivalents:

1 kWh = 0.003412 MMBtu

1 MWh = 3.412 MMBtu

1 therm = 0.1 MMBtu

1 kBtu = 0.001 MMBtu

1 ton-hour = 0.012 MMBtu

1 MJ = 0.000948 MMBtu

"---" indicates that no data was submitted for this field

Total building energy consumption, 2005:

591,460 MMBtu

Building space, 2005 :

4,081,041 Gross Square Feet

Total building energy consumption, performance year:

586,841 MMBtu

Building space, performance year:

4,676,639 Gross Square Feet

List the start and end dates of the energy consumption performance year:

July 1, 2010 - June 30, 2011

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Criteria

Institution supports the development and use of clean and renewable energy sources using any one or combination of the following options.

Option 1: Generating electricity from clean and renewable energy sources on campus and retaining or retiring the rights to the environmental attributes of such electricity. (In other words, if the institution has sold Renewable Energy Credits for the clean and renewable energy it generated, it may not claim such energy here). The on-site renewable energy generating devices may be owned and/or maintained by another party as long as the institution has contractual rights to the associated environmental attributes.

Option 2: Using renewable sources for non-electric, on-site energy generation, such as biomass for heating.

Option 3: Catalyzing the development of off-site clean and renewable energy sources (e.g. an off-campus wind farm that was designed and built to supply electricity to the institution) and retaining the environmental attributes of that energy.

Option 4: Purchasing the environmental attributes of electricity in the form of Renewable Energy Certificates (RECs) or other similar renewable energy products that are either Green-e Energy certified or meet Green-e Energy's technical requirements and are verified as such by a third party, or purchasing renewable electricity through the institution's electric utility through a certified green power purchasing option.

Option 5: Using cogeneration technologies to generate electricity more efficiently. Note: generating electricity using cogeneration technology and a renewable fuel, such as biomass, is considered Option 1 and should not be counted twice.

Since this credit is intended to recognize institutions that are generating new sources of clean and renewable energy, neither the electric grid mix for the region in which the institution is located nor the grid mix reported by the electric utility that serves the institution count for this credit.

Technologies that reduce the amount of energy used but do not generate renewable energy do not count for this credit. For example, daylighting, passive solar design, and ground-source heat pumps are not counted in this credit. The benefits of such strategies are captured by *OP Credit 5: Greenhouse Gas Emissions Reductions* and *OP Credit 7: Building Energy Consumption*.

Transportation fuels, which are covered by *OP Credit 14: Campus Fleet*, are not included in this credit.

To aggregate energy consumption data from multiple sources, figures should be converted into MMBtu (one million British thermal units – a standard measure of energy) using the following equivalents:

1 kWh = 0.003412 MMBtu

1 MWh = 3.412 MMBtu

1 therm = 0.1 MMBtu

1 kBtu = 0.001 MMBtu

1 ton-hour = 0.012 MMBtu

1 MJ = 0.000948 MMBTU

"---" indicates that no data was submitted for this field

Option 1: Total clean and renewable electricity generated on site during the performance year and for which the institution retains or has retired the associated environmental attributes :

397.10 MMBtu

Option 2: Non-electric renewable energy generated:

767.08 MMBtu

Option 3: Total clean and renewable electricity generated by off-site projects that the institution catalyzed and for which the institution retains or has retired the associated environmental attributes :

0 MMBtu

Option 4: Total RECs and other similar renewable energy products that the institution purchased during the performance year that are Green-e certified or meet the Green-e standard's technical requirements and are third party verified:

0 MMBtu

Option 5: Total electricity generated with cogeneration technology using non-renewable fuel sources :

0 MMBtu

Total energy consumed during the performance year :

534,252.90 MMBtu

A brief description of on-site renewable electricity generating devices :

Wind:

The 100-kilowatt "Northwind 100" wind turbine on the Appalachian State University campus is currently the largest in North Carolina. Sitting atop a 121-foot tower, each of its three blades are 34 feet long and harvest enough energy to power approximately 13-15 energy efficient homes per year.

Solar:

During the performance year ASU owned and operated four (4) Photo-voltaic systems. The figure above includes data from 2 grid-tied PV systems (a 4.0 kW ground-mounted system and a 1.7 kW pole-mounted array) AND estimations from a 1.5 kW roof mounted system and 2.96 kW roof mounted system, since these net metered systems do not have actual production figures logged.

ASU owns and operates 4 additional systems that are not figured into the performance year. They are as follows:

Blackburn-Vannoy Farm Pole System 1.5kW

Blackburn-Vannoy Farm Garage System 3.8kW

E3 House 2.8 kW

Harper/Scott Hall 1.4 Kw

A brief description of on-site renewable non-electric energy devices:

At the time of the performance year, ASU owned and operated the following solar thermal (ST) systems:

Plemmons Student Union ST: 42 10'x4' FP collectors

Varsity Gymnasium ST: 12 10'x4' FP collectors

Reich College of Education ST: 4 8'x4' FP collectors

Frank Hall ST: 42 10'x4' FP collectors

Biofuels Research Facility ST: 2 8'x4' FP collectors; 2 10'x4' FP collectors

and since have added three additional systems:

Summit Residence Hall

Mountaineer Residence Hall

Blackburn-Vannoy Farm House Residence

A brief description of off-site, institution-catalyzed, renewable electricity generating devices:

A brief description of RECs or other similar renewable energy products purchased during the previous year, including contract timeframes:

A brief description of cogeneration technologies deployed:

The website URL where information about the institution's renewable energy sources is available:

<http://sustain.appstate.edu/green-spotlight/2011/07/28/renewable-energy-systems>

Timers for Temperature Control

Responsible Party

Jerry Marshall
Energy Manager
Physical Plant Administration

"---" indicates that no data was submitted for this field

Does the institution use timers to regulate temperatures based on occupancy hours in at least one building?:

Yes

A brief description of the technology used:

ASU utilizes a building automation system called Metasys by Johnson Controls Incorporated to schedule occupied and unoccupied modes of operation for several major buildings on campus.

The percentage of building space (square footage) with timers for temperature control:

The website URL where information about the practice is available:

Lighting Sensors

Responsible Party

Jerry Marshall
Energy Manager
Physical Plant Administration

"---" indicates that no data was submitted for this field

Does the institution use motion, infrared, and/or light sensors to reduce energy use for lighting in at least one building?:

Yes

A brief description of the technology used:

ASU utilizes both single and dual technology occupancy sensors in several buildings to turn lighting levels off and on.

The percentage of building space with lighting sensors:

The website URL where information about the institution's use of the technology is available:

LED Lighting

Responsible Party

Jerry Marshall
Energy Manager
Physical Plant Administration

"---" indicates that no data was submitted for this field

Does the institution use Light Emitting Diode (LED) technology in at least one lighting application? LED applications in exit signs and remote controls do not count for this credit.:

Yes

A brief description of the technology used:

LEDs are used in both of ASU's major parking garages as well as in several other buildings including Katherine Harper-Kerr Scott, Farthing Auditorium, and John Thomas Hall.

The percentage of building space with LED lighting:

The percentage of parking deck space with LED lighting:

The percentage of outdoor space that uses LED lighting:

The percentage of building space with efficient, non-LED lighting (compact fluorescent, automatic daylight shutoff, or other energy-saving features):

The website URL where information about the institution's use of the technology is available :

Vending Machine Sensors

Responsible Party

Art Kessler

Director of Food Services

Food Services

Submission Note:

We have tried using motion sensors in the past, but experienced problems with the machines coming back on after the lack of movement put them into conserve mode.

"---" indicates that no data was submitted for this field

Has the institution installed vending machine motion sensors for at least one vending machine?:

Yes

A brief description of the technology used:

ASU has decided to exceed the use of sensors by eliminating the lighting load completely in 4 vending machines in one building at least.

The percentage of vending machines with sensors:

The website URL where information about the institution's use of the technology is available:

Energy Management System

Responsible Party

Jerry Marshall
Energy Manager
Physical Plant Administration

"---" indicates that no data was submitted for this field

Does the institution use a centralized energy management system that allows it to track energy consumption and performance in multiple buildings in a central location?:

Yes

A brief description of the management system:

Johnson Controls Metasys is installed in 22 buildings.

The percentage of building space monitored with a centralized energy management system:

A description of what systems are shut down during unoccupied periods:

The website URL where information about the institution's use of the technology is available:

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution meter all energy consumption (electricity, natural gas, purchased steam, etc.) for at least one building?:

Yes

A brief description of the metering system:

ASU has at least one billing grade electricity meter for each individual building. Measurements are made on a monthly basis and summarized by the University's Department of Energy Management.

Most PV and Wind energy sources have a separate metering system. Measurements are made on a monthly basis and are summarized yearly by Energy Management.

There are Water and Sewer meters for each building using billing grade water meters provided by the Town of Boone. Measurements are made on a monthly basis and summarized by Energy Management.

Natural Gas providing steam for the entire campus is summarized monthly by Energy Management.

Each building has some sort of steam metering. Measurements are made on a monthly basis and summarized by Energy Management.

Propane and oil use for each facility is collected by the Physical Plant for each month. Energy management does a yearly summary of this data.

The percentage of building space with energy metering:

100

The website URL where information about the metering system is available:

<http://sustain.appstate.edu/university-data/appalachian-state-university>

Grounds

This subcategory seeks to recognize institutions that plan and maintain their grounds with sustainability in mind. Beautiful and welcoming campus grounds can be planned, planted, and maintained in any region while minimizing the use of toxic chemicals, protecting wildlife habitat, and conserving water and resources.

Credit
Integrated Pest Management
Native Plants
Wildlife Habitat
Tree Campus USA
Snow and Ice Removal
Landscape Waste Composting

Integrated Pest Management

Responsible Party

Jim Bryan

Landscape Services Superintendent

Landscape Services

Criteria

Institution's grounds are developed and maintained in accordance with an integrated pest management plan that adheres to the following four-tiered approach:

- 1) Set action thresholds
 - 2) Monitor and identify pests
 - 3) Prevention
 - 4) Control
-

"---" indicates that no data was submitted for this field

The size of the campus grounds :

300 Acres

The size of campus grounds that are maintained in accordance with a four-tiered IPM plan :

300 Acres

A brief description of the IPM plan(s) :

Landscape services follows a four tier IPM plan. They scout for pests and pathogens and treat as needed with the most environmentally friendly product that will sufficiently do the job. They also utilize a strategy of treating according to the life cycle of the pest to attain the most effective control.

The website URL where information about the IPM plan(s) is available:

<http://sustain.appstate.edu/initiatives/campus-initiatives/landscape-services>

Native Plants

Responsible Party

Jim Dees

Data and Assessment Specialist

Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution prioritize the use of native plant species in landscaping?:

Yes

A brief description of the native plant program, policy, or practice:

Landscape Services attempts to use as many native trees, shrubs, and perennials as possible. All submitted landscape plans are reviewed by the landscape services department to insure native plant material is used wherever possible. The native plants selected are the ones best suited for adaptability to the climate, watering needs as well as helping with the IPM program campus-wide. Native plant species account for above 90% of ASU's plant inventory.

The website URL where information about the program, policy, or practice is available:

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have programs in place to protect and/or create wildlife habitat on institution-owned land?:

Yes

A brief description of the wildlife habitat program, policy, or practice:

The Appalachian Nature Preserve is a 67.4 acre area located on Appalachian State's campus that is "protected from development or any other use beyond the study of nature or the public's general enjoyment." Additional procedures followed by the Landscape services department include: Where the maintained areas join the native woods the edge effect is left alone for wildlife cover and as possible food source and wherever possible the native vegetation is left alone to promote good wildlife habitat.

The website URL where information about the program, policy, or practice is available:

<http://www.news.appstate.edu/2000/08/16/nature/>

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Submission Note:

The project is being undertaken through a partnership between the Physical Plant, two faculty members, a student and New River Light & Power, Co., a university-owned power company.

"---" indicates that no data was submitted for this field

Is the institution recognized by the Arbor Day Foundation's Tree Campus USA program?:

No

A brief description of the institution's Tree Campus USA program:

Appalachian State is currently seeking the Tree Campus USA designation per the requirements set forth from the Arbor Day. We are currently in the process of developing a sophisticated gps-enabled inventory whose data will be available for the Physical Plant, the Appalachian State-owned utility and faculty and student researchers. The tree inventory has been completed as of April 2013 with substitution to Arbor Day Foundation for review expected by the end of the 2013 calendar year.

The website URL where information about the program, policy, or practice is available:

Snow and Ice Removal

Responsible Party

Jim Bryan

Landscape Services Superintendent

Landscape Services

"---" indicates that no data was submitted for this field

Has the institution implemented technologies or strategies to reduce the environmental impacts of snow and ice removal?:

Yes

A brief description of the snow and ice removal program, policy, or practice:

Snow season, in a normal year, runs from November through the following April. Snow and ice is removed as aggressively as possible, since safety is our number one goal. We use ice melt both on the roads, sidewalks, and steps. We use rock salt on the major roads and Snow Plow Magnesium chloride on the sidewalks and steps. In an effort to reduce the amount of snow melt materials used, and as a result, reduce the environmental impacts, ASU Landscaping Services purchased a brine spreader this year (2010). By pre-treating surfaces with brine, fewer pounds of traditional snow melt material will have to be subsequently used.

The website URL where information about the program, policy, or practice is available:

Landscape Waste Composting

Responsible Party

Jennifer Maxwell

Resource Conservation Manager

Physical Plant Administration

"---" indicates that no data was submitted for this field

Does the institution compost or mulch waste from grounds keeping, including grass trimmings?:

Yes

A brief description of the composting or mulching program:

Brush and limb clean-up debris is chipped up on-site and utilized on nature trails across campus. Some wood chips are also used as a bulking agent in our compost operation on campus. Majority of grass clippings are left in place once grass is cut, which is considered 'grass-cycling'. Grass clippings will quickly decompose, returning valuable nutrients to the soil.

The percentage of landscape waste that is mulched or composted onsite:

The percentage of landscape waste that is mulched or composted off-site:

The website URL where information about the program, policy, or practice is available:

Purchasing

This subcategory seeks to recognize institutions that are using their purchasing power to help build a sustainable economy. Collectively, colleges and universities spend many billions of dollars on goods and services annually. Each purchasing decision represents an opportunity for institutions to choose environmentally and socially preferable products and services and support companies with strong commitments to sustainability.

Credit
Computer Purchasing
Cleaning Products Purchasing
Office Paper Purchasing
Vendor Code of Conduct
Historically Underutilized Businesses
Local Businesses

Computer Purchasing

Responsible Party

Tom Van Gilder

Director

Technology Support Services

Criteria

Part 1

Institution has an institution-wide stated preference to purchase Electronic Product Environmental Assessment Tool (EPEAT) Silver or higher products. This can take the form of purchasing policies, guidelines, or directives. This credit does not include specialized computers for which no EPEAT certified products are available. Policies and directives adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

Part 2

Institution purchases Electronic Product Environmental Assessment Tool (EPEAT) Silver and/or Gold registered products for standard desktop and notebook/laptop computers and monitors. This credit does not include specialized computers for which no EPEAT certified products are available.

"---" indicates that no data was submitted for this field

Does the institution have an institution-wide stated preference to purchase EPEAT Silver or higher computers and monitors?:

Yes

The website URL where the EPEAT policy, directive, or guidelines are posted :

<http://support.appstate.edu/faculty-staff/university-owned-computers/purchasing-standards>

A brief description of steps the institution has taken to ensure that the purchasing policy, directives, or guidelines are followed :

All computer purchasing at Appalachian is conducted through our campus purchasing portal - Yo-Mart. Technology Support Services sets the purchasing standards for computers on campus and abides by the State of North Carolina's Combined Purchasing Initiative. Purchasing adheres to these standards and does not allow computers outside of the standards to be purchased through the Yo-mart system.

Does the institution wish to pursue points for Part 2 of this credit (expenditures on EPEAT computers)?:

Yes

Expenditures on EPEAT Gold desktop and laptop computers and monitors :

1,320,629.88 *US/Canadian \$*

Expenditures on EPEAT Silver desktop and laptop computers and monitors :

65,783.78 *US/Canadian \$*

Total expenditures on desktop and laptop computers and monitors :

1,643,511.36 *US/Canadian \$*

Cleaning Products Purchasing

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Criteria

Part 1

Institution has an institution-wide stated preference to purchase Green Seal™ or EcoLogo™ certified cleaning products. The stated preference can take the form of purchasing policies, guidelines, or directives to purchase green cleaning products. Policies and directives adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

Part 2

Institution's main cleaning or housekeeping department(s) and/or contractor(s) purchase Green Seal or EcoLogo certified cleaning products. This credit does not include cleaning products for which no Green Seal or EcoLogo certified products are available.

"---" indicates that no data was submitted for this field

Does the institution have an institution-wide stated preference to purchase Green Seal (tm) or EcoLogo (tm) certified cleaning products?:

Yes

The website URL where the green cleaning product purchasing policy, directive, or guidelines are posted:

<http://housing.appstate.edu/pagesmith/52>

A brief description of steps the institution has taken to ensure that the purchasing policy, directives, or guidelines are followed:

Yes, The Department of Housing & Residence Life statement reads: "Whenever possible, Green Seal certified chemicals are used to clean residence hall spaces. The Department of Housing & Residence Life is committed to using green cleaning products and will continue to broaden their use."

Additionally, the following statement is permanently listed at Appalachian State University's purchasing front page - YoMart: "Procure goods and services that have a lesser or reduced effect on human health and the environment, including products made wholly or in part from recycled materials. Exec Order 156:"

<http://www.p2pays.org/ref/03/02221.pdf>

Does the institution wish to pursue points for Part 2 of this credit (expenditures on cleaning products)?:

Yes

Expenditures on Green Seal and/or EcoLogo certified cleaning products :

176,000 *US/Canadian \$*

Total expenditures on cleaning products :

185,000 *US/Canadian \$*

A copy of the sections of the cleaning contract(s) that reference certified green products:

Office Paper Purchasing

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Criteria

Part 1

Institution has an institution-wide stated preference to purchase recycled content office paper. This can take the form of purchasing policies, guidelines, or directives to purchase recycled content office paper. Policies and directives adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

Part 2

Institution purchases recycled content office paper.

---" indicates that no data was submitted for this field

Does the institution have an institution-wide stated preference to purchase recycled content office paper?:

Yes

The URL where the recycled paper policy, directive, or guidelines are posted:

<http://www.pandc.nc.gov/645a.pdf>

A brief description of steps the institution has taken to ensure that the purchasing policy, directives, or guidelines are followed :

Appalachian State University has a stated preference for purchasing recycled office paper. All copy paper, including miscellaneous color and sized paper, is 30% recycled content. Our school purchases paper with a minimum 30% recycled content but this is not a limitation. Departments can choose a higher recycled content.

Does the institution wish to pursue points for Part 2 of this credit (expenditures on recycled paper)?:

Yes

Expenditures on 10-29 percent recycled-content office paper :

0 US/Canadian \$

Expenditures on 30-49 percent recycled-content office paper :

STARS Reporting Tool | AASHE

95,188.80 *US/Canadian \$*

Expenditures on 50-69 percent recycled-content office paper :

0 *US/Canadian \$*

Expenditures on 70-89 percent recycled-content office paper (required if claiming points for Part 2):

0 *US/Canadian \$*

Expenditures on 90-100 percent recycled-content office paper :

0 *US/Canadian \$*

Total expenditures on office paper :

95,188.80 *US/Canadian \$*

Vendor Code of Conduct

Responsible Party

Jim Dees

Data and Assessment Specialist

Office of Sustainability

Criteria

Institution has and acts on a vendor code of conduct or equivalent policy that sets expectations about the social and environmental responsibility of vendors with whom the institution does business. Policies adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

Submission Note:

The UNC System has a sustainability policy which directly addresses environmental and social supply chain considerations. Appalachian State adheres to many principles of this statement.

"---" indicates that no data was submitted for this field

Does the institution have and act on a vendor code of conduct or equivalent policy that sets expectations about the social and environmental responsibility of vendors with whom the institution does business?:

Yes

The website URL where the vendor code of conduct or equivalent policy is posted :

A copy of the vendor code of conduct or equivalent policy:

[UNC Sustainability Policy.pdf](#)

A brief description of programs and strategies institution has implemented to ensure the code is followed, including a brief description of instances when vendor code of conduct has changed purchasing behavior within the last five years, if applicable:

The UNC System has a sustainability policy which directly addresses environmental and social supply chain considerations. Appalachian State adheres to many principles of this statement.

Historically Underutilized Businesses

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution seek to support historically underutilized businesses, minority-owned businesses, and women owned-businesses?:

Yes

A brief description of how the institution meets the criteria:

Appalachian State University seeks to increase participation of HUB businesses. This policy is set forth in the State of NC Purchasing Manual and is reported on quarterly by ASU to the state. This credit is covered by the State of North Carolina Executive Order Number 150: Support for Historically Underutilized Businesses.

The website URL where information about the program, policy, or practice is available:

<http://www.doa.state.nc.us/hub/documents/order.pdf>

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution give preference to local products and businesses in its purchasing decisions? Local food purchases, which are covered in OP Credit 6: Food Purchasing, are not included in this credit.:

Yes

A brief description of the program:

Local vendors are utilized whenever possible in regards to the purchase of goods and services. Many local companies provide services such as tree trimming, construction, advertising, etc. In addition, preference for purchasing from local North Carolina businesses is outlined in the State of North Carolina Executive Order 50. This order was enacted "to develop a price-matching preference for North Carolina resident bidders on contracts for the purchase of goods so that qualified North Carolina companies whose price is within five percent (5%) or \$10,000.00 of the lowest bid, whichever is less, may be awarded contracts with the State of North Carolina."

The website URL where information about the program, policy, or practice is available:

<http://www.governor.state.nc.us/NewsItems/ExecutiveOrderDetail.aspx?newsItemID=929>

Transportation

This subcategory seeks to recognize institutions that are moving toward sustainable transportation systems. Transportation is a major source of greenhouse gas emissions and other pollutants that contribute to health problems such as heart and respiratory diseases and cancer. Due to disproportionate exposure, these health impacts are frequently more pronounced in low-income communities next to major transportation corridors. In addition, the extraction, production, and global distribution of fuels for transportation can damage environmentally and/or culturally significant ecosystems and may financially benefit hostile and/or oppressive governments.

At the same time, campuses can reap benefits from modeling sustainable transportation systems. Bicycling and walking provide human health benefits and mitigate the need for large areas of paved surface, which can help campuses to better manage storm water. Institutions may realize cost savings and help support local economies by reducing their dependency on petroleum-based fuels for transportation.

Credit
Campus Fleet
Student Commute Modal Split
Employee Commute Modal Split
Bicycle Sharing
Facilities for Bicyclists
Bicycle and Pedestrian Plan
Mass Transit Programs
Condensed Work Week
Telecommuting
Carpool/Vanpool Matching
Cash-out of Parking
Carpool Discount
Local Housing
Prohibiting Idling
Car Sharing

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Criteria

Institution supports alternative fuel and power technology by including in its motorized vehicle fleet (cars, trucks, tractors, buses) vehicles that are:

1. Gasoline-electric hybrid
2. Diesel-electric hybrid
3. Plug-in hybrid
4. 100 percent electric
5. Fueled with Compressed Natural Gas (CNG)
6. Hydrogen fueled
7. Fueled with B20 or higher biofuel for more than 6 months of the year; and/or
8. Fueled with E85 or higher ethanol for more than 6 months of the year.

For this credit, the institution's motorized fleet includes all institution-owned and operated vehicles that are used for transporting people and/or goods. Heavy construction equipment (e.g. excavators and pavers) and maintenance equipment (e.g. lawn-mowers and leaf blowers) are not included in this credit.

"---" indicates that no data was submitted for this field

Gasoline-electric, non-plug-in hybrid vehicles in the institution's fleet :

0

Diesel-electric, non-plug-in hybrid vehicles in the institution's fleet :

0

Plug-in hybrid vehicles in the institution's fleet :

0

100 percent electric vehicles in the institution's fleet :

1

Vehicles in the institution's fleet that are fueled with Compressed Natural Gas (CNG):

0

Hydrogen fueled vehicles in the institution's fleet :

0

Vehicles in the institution's fleet that are fueled with B20 or higher biofuel for more than 6 months of the year :

22

Vehicles in the institution's fleet that are fueled with E85 or higher ethanol for more than 6 months of the year :

0

Total number of vehicles in the institution's fleet, including all of the above :

228

Student Commute Modal Split

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Criteria

Institution's students commute to and from campus using more sustainable options such as walking, bicycling, vanpooling or carpooling, taking public transportation, riding motorcycles or scooters, riding a campus shuttle, or a combination of these options. Students who live on campus should be included in the calculation based on how they get to and from their classes.

Submission Note:

The percentage questions are not presented to be mutually exclusive. In other words, in the first question, it asks about the percentage of students who walk, bike, or other non-motorized. Many students who bike also walk. Therefore the percentages total over 100%. Many students use more than one mode of transportation.

"---" indicates that no data was submitted for this field

The percentage (0-100) of institution's students who use more sustainable commuting options:

73

The percentage (0-100) of institution's students who commute with only the driver in the vehicle (excluding motorcycles and scooters) as their primary method of transportation:

27

The percentage (0-100) of institution's students who walk, bicycle, or use other non-motorized means as their primary method of transportation. Please note that this may include on-campus residents :

29.30

The percentage (0-100) of institution's students who vanpool or carpool as their primary method of transportation:

17.30

The percentage (0-100) of institution's students who take a campus shuttle or public transportation as their primary method of transportation :

26.30

The percentage (0-100) of institution's students who use a motorcycle, scooter or moped as their primary method of transportation:

The website URL where information about alternative transportation is available:

<http://appalcart.com/>

Employee Commute Modal Split

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Criteria

Institution's employees (faculty, staff, and administrators) commute to and from campus using more sustainable options such as walking, bicycling, vanpooling or carpooling, taking public transportation, riding motorcycles or scooters, riding a campus shuttle, or a combination of these options. Employees who live on campus should be included in the calculation based on how they get to and from their workplace.

"---" indicates that no data was submitted for this field

The percentage (0-100) of institution's employees that use more sustainable commuting options:

33

The percentage (0-100) of institution's employees who commute with only the driver in the vehicle (excluding motorcycles and scooters) as their primary method of transportation :

67

The percentage (0-100) of institution's employees who walk, bicycle, or use other non-motorized means as their primary method of transportation. Please note that this may include on-campus residents:

15

The percentage (0-100) of institution's employees who vanpool or carpool as their primary method of transportation :

13

The percentage (0-100) of institution's employees who take a campus shuttle or public transportation as their primary method of transportation :

5

The percentage (0-100) of institution's employees who use a motorcycle, scooter, or moped as their primary method of transportation:

0

The website URL where information about alternative transportation is available:

<http://sustain.appstate.edu/transit>

Bicycle Sharing

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have a bicycle-sharing program or participate in a local bicycle-sharing program?:

Yes

A brief description of the program, including an indication of its scope (e.g., the number of bicycles the program makes available, participation levels, etc.):

The Boone bike initiative began in 2007 with a grant from a US EPA P3 (People, Prosperity and the Planet) student design competition for sustainability. There are 12 bicycles which are loaned out for a month at a time. There is a \$10 fee for the month for routine maintenance and upkeep of the shop. Demand for the bicycles is high.

The website URL where information about the program, policy, or practice is available:

<http://boonebikeinitiative.org/>

Facilities for Bicyclists

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have indoor and secure bike storage, shower facilities, and lockers for bicycle commuters in at least one building?:

No

A brief description of the facilities:

Appalachian currently does not have the facilities as listed above. There are several locations that offer outdoor covered bicycle storage.

The website URL where information about the program, policy, or practice is available:

Bicycle and Pedestrian Plan

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

"---" indicates that no data was submitted for this field

Has the institution developed a bicycle plan?:

Yes

A brief description of the plan:

The Appalachian State University Master Plan 2020 includes, in the Parking section, "Explore parking management strategies that reduce the ratio of cars per students living on campus[and]expanding the Town of Boone bicycle network." Under the section entitled Multimodal is the design considerations to, "Consider a design to narrow streets and encourage sharing of roadways by cars, bicycles and pedestrians. Most campus streets can be two lanes wide to facilitate pedestrian and bicycle crossings." and "Explore the design of main roads such as Rivers Street [bisects campus] as flexible corridors that accommodate a mix of travel modes, including driving, walking, cycling, and AppalCART transit services." The Circulation plans for Rivers Street in the 0-4years time-frame recommend that, "The existing outer lanes should be configured for shared transit-bicycle ways." Parking improvements suggested for the 0-4 years time-frame include the construction of a secure, weather-protected and convenient parking area for bicycles, as well as,"Provide storage lockers in various buildings around campus for faculty, staff, students who bike from off-campus locations" and "Provide long-term and weather protected bicycle parking for residential halls and main campus destinations. Locker rooms, bicycle hangers, and highly secure facilities can be provided at residential locations whereas some covered spaces and lockers can be provided for other major destinations such as the library or academic buildings where users are expected to be for durations of longer than two hours."

The website URL where information about the plan is available:

http://www.masterplan2020.appstate.edu/sites/default/files/AppFinalMasterPlanReport03_18_10C.pdf

f

Mass Transit Programs

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution offer free or reduced price transit passes and/or operate a free campus shuttle?:

Yes

A brief description of the program(s), (s), including availability, participation levels, and specifics about discounts or subsidies offered (including pre-tax options):

The local Boone/Watauga County mass transit system, AppalCART (Appalachian Campus Area Rapid Transit) was formed in January 1980. AppalCART currently operates 10 free bus routes in and around the town of Boone, and is a major commuting source to shuttle students to and from campus. There were an estimated 1.3 million free rides taken on these ten routes in the 2010/11 school year. These routes covered a total of 487,611 miles.

The website URL where information about the program is available:

<http://appalcart.com/>

Condensed Work Week

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution offer a condensed work week option for employees? The institution does not have to offer the option to all employees in order to earn this credit.:

Yes

A brief description of the program:

State Personnel Manual, Employment and Records, Section 3, Page 10, "Agencies may choose to utilize a variable work schedule that allows employees to choose a daily work schedule and meal period which, subject to agency necessities, is most compatible with their personal needs."

The website URL where information about the program is available:

http://www.osp.state.nc.us/manuals/3_Employment%20and%20Records/worksch.htm

Telecommuting

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution offer a telecommute program for employees?:

Yes

A brief description of the program:

State Personnel Manual, Employment and Records, Section 3, Page 10, "Agencies may choose to utilize a variable work schedule that allows employees to choose a daily work schedule and meal period which, subject to agency necessities, is most compatible with their personal needs."

The website URL where information about the program is available:

<http://www.osp.state.nc.us/InternalSite/Policies%20and%20Procedures/Telecommuting%20Policy.pdf>

Carpool/Vanpool Matching

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution participate in a carpool/vanpool matching program?:

Yes

A brief description of the program:

Since the fall of 2011, Appalachian has used Zimride to help link riders with drivers. Zimride is an online social network that helps students find friends, classmates, and co-workers who are interested in carpooling.

The website URL where information about the program is available:

<http://sustain.appstate.edu/rideshare>

Cash-out of Parking

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution allow commuters to cash out of parking spaces (i.e., it pays employees who do not drive to work)?:

No

A brief description of the program:

Faculty and staff currently pay for their parking spaces. If they opt out of parking, they do not have a parking deduction taken out of their pay.

This concept is currently under consideration. The Appalachian State University Master Plan 2020 includes, in the section on Parking, under Additional Considerations, "Offer parking fee incentives for carpools and vanpools, biking, walking, and transit, such as paying a monthly transportation rebate for staff and faculty who don't purchase a parking pass or who use a rideshare parking space. This can be coupled with a "guaranteed ride home" program for those who receive the rebate."

The website URL where information about the program is available:

http://www.masterplan2020.appstate.edu/sites/default/files/AppFinalMasterPlanReport03_18_10C.pdf

Carpool Discount

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution offer reduced parking fees for car and van poolers?:

No

A brief description of the program:

This concept is currently under consideration. The Appalachian State University Master Plan 2020 includes, in the section on Parking, under Additional Considerations, "Offer parking fee incentives for carpools and vanpools, • biking, walking, and transit, such as paying a monthly transportation rebate for staff and faculty who don't purchase a parking pass or who use a rideshare parking space. This can be coupled with a "guaranteed ride home" program for those who receive the rebate."

The website URL where information about the program is available:

http://www.masterplan2020.appstate.edu/sites/default/files/AppFinalMasterPlanReport03_18_10C.pdf

Local Housing

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have incentives or programs to encourage employees to live close to campus?:

No

A brief description of the incentives or programs:

Appalachian does not have a program in place incentivizing employees to live close.

The website URL where information about the incentives or programs is available:

Prohibiting Idling

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

"---" indicates that no data was submitted for this field

Has the institution adopted a policy prohibiting idling?:

No

A brief description of the policy:

No policy in place at this time.

The website URL where information about the policy is available:

Car Sharing

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution participate in a car sharing program, such as ZipCar or HourCar?:

Yes

A brief description of the program:

UhaulCarShare and Appalachian State University are teaming up to offer UHaulCarShare. Appalachian has 3 fuel-efficient vehicles located on campus for checkout. UHaulCarShare is a service available to faculty, staff and students. Available for checkout by the hour or up to six days.

The website URL where information about the program, policy, or practice is available:

<http://sustain.appstate.edu/carshare>

Waste

This subcategory seeks to recognize institutions that are moving toward zero waste by reducing, reusing, recycling, and composting. These actions mitigate the need to extract virgin materials, such as trees and metals. It generally takes less energy and water to make a product with recycled material than with virgin resources. Reducing waste generation also reduces the flow of waste to incinerators and landfills which produce greenhouse gas emissions, can contaminate air and groundwater supplies, and tend to have disproportionate negative impacts on low-income communities. Waste reduction and diversion also save institutions costly landfill and hauling service fees. In addition, waste reduction campaigns can engage the entire campus community in contributing to a tangible sustainability goal.

Credit
Waste Reduction
Waste Diversion
Construction and Demolition Waste Diversion
Electronic Waste Recycling Program
Hazardous Waste Management
Materials Exchange
Limiting Printing
Materials Online
Chemical Reuse Inventory
Move-In Waste Reduction
Move-Out Waste Reduction

Waste Reduction

Responsible Party

Jennifer Maxwell

Resource Conservation Manager
Physical Plant Administration

Criteria

Institution has implemented source reduction strategies to reduce total waste generation (garbage, recycling, and compost) per weighted campus user compared to a 2005 baseline.

Total waste generation includes all materials recycled, composted, and disposed of as trash except construction, demolition, electronic, hazardous, special (e.g. coal ash), universal and non-regulated chemical waste, which are covered in *OP Credit 19: Construction and Demolition Waste Diversion*, *OP Credit 20: Electronic Waste Recycling Program*, and *OP Credit 21: Hazardous Materials Management*.

"---" indicates that no data was submitted for this field

Weight of materials recycled, 2005 baseline year :

400 Tons

Weight of materials composted, 2005 baseline year :

25 Tons

Weight of materials disposed as garbage, 2005 baseline year :

2,241 Tons

Weight of materials recycled, performance year :

869.15 Tons

Weight of materials composted, performance year :

132.04 Tons

Weight of materials disposed as garbage, performance year :

2,155.78 Tons

List the start and end dates of the waste reduction performance year:

7/1/2011 to 6/30/2012

On-campus residents, 2005:

[STARS Reporting Tool](#) | [AASHE](#)

4,910

Non-residential/commuter full-time students, faculty, and staff members, 2005:

9,988

Non-residential/commuter part-time students, faculty, and staff members, 2005:

2,319

On-campus residents, performance year:

5,775

Non-residential/commuter full-time students, faculty, and staff members, performance year:

14,291

Non-residential/commuter part-time students, faculty, and staff members, performance year:

1,120

Time period for weighted campus user (list the consecutive 12 month period that most closely overlaps with waste reduction performance year):

7/1/2011 to 6/30/2012

Indication of whether institution has a stated commitment to waste-reduction goals, such as zero waste:

Yes

A brief description of the plan of action to achieve waste reduction goals:

Appalachian State University is committed to becoming a zero waste campus through a goal of 90% diversion by 2022. Using zero waste as a guiding principle, this diversion rate can be restated as a 90% diversion of municipal solid waste (MSW) from the landfill. Over the next 10 years, Appalachian will work toward zero waste through several initiatives. Zero waste, for the purpose of this goal, seeks to rethink the way resources and materials flow through the university by taking a whole system approach. This approach will strive to reduce overall consumption, return material goods for reuse, compost all applicable organic matter to promote new growth, and then recycle goods and materials at the end of their usage lifespan.

The website URL where information about the institution's waste reduction initiatives is available:

<http://www.recycle.appstate.edu/>

Waste Diversion

Responsible Party

Jennifer Maxwell

Resource Conservation Manager

Physical Plant Administration

Criteria

Institution diverts materials from the landfill or incinerator by recycling, composting, reusing, donating, or re-selling.

This credit does not include construction, demolition, electronic, hazardous, special (e.g. coal ash), universal and non-regulated chemical waste, which are covered in *OP Credit 19: Construction and Demolition Waste Diversion*, *OP Credit 20: Electronic Waste Recycling Program*, and *OP Credit 21: Hazardous Materials Management*.

"---" indicates that no data was submitted for this field

Materials recycled, composted, reused, donated, re-sold, or otherwise diverted :

1,279.24 Tons

Materials disposed in a solid waste landfill or incinerator :

2,155.78 Tons

A brief description of programs, policies, infrastructure investments, outreach efforts, and/or other factors that contributed to the diversion rate:

The ASU Recycling program is an in-house operation divided between the Physical Plant Administration (academic and administrative areas) and Housing and Residence Life (residential areas). ASU recycles the following items on a scheduled basis: office paper, newspaper, magazines, books, corrugated cardboard, plastic, aluminum, steel and glass. In addition to these items, there are several other special recycling items collected in various locations throughout campus as needed. We also operate an on-site aerated static compost program. The recycling program has been in place since 1988. We have developed an ongoing comprehensive education and outreach plan targeted toward the entire campus community.

Construction and Demolition Waste Diversion

Responsible Party

Jennifer Maxwell

Resource Conservation Manager
Physical Plant Administration

Criteria

Institution diverts non-hazardous construction and demolition waste from the landfill and/or incinerator.

Soil and organic debris from excavating or clearing the site do not count for this credit.

"---" indicates that no data was submitted for this field

Amount of construction and demolition materials recycled, donated, or otherwise recovered :

580.54 Tons

Amount of construction and demolition materials landfilled or incinerated :

59.30 Tons

A brief description of programs, policies, infrastructure investments, outreach efforts, and/or other factors that contribute to the diversion rate for construction and demolition waste:

The following items are considered construction and demolition waste on our campus: scrap metal, pallets, clean wood waste, and masonry(concrete/block).

Construction and Demolition waste tonnages from capital projects on this campus are not currently tracked. These projects are handled by outside contractors, and at this time these tonnages are not reported to ASU.

Electronic Waste Recycling Program

Responsible Party

Jennifer Maxwell

Resource Conservation Manager

Physical Plant Administration

Criteria

Part 1

Institution has a program in place to recycle, reuse, and/or refurbish all electronic waste generated by the institution. Institution takes measures to ensure that the electronic waste is recycled responsibly.

Part 2

Institution has a program in place to recycle, reuse, and/or refurbish electronic waste generated by students. Institution takes measures to ensure that the electronic waste is recycled responsibly.

"---" indicates that no data was submitted for this field

Does the institution have a program in place to recycle, reuse, and/or refurbish all electronic waste generated by the institution and take measures to ensure that the electronic waste is recycled responsibly?:

Yes

Does the institution have a program in place to recycle, reuse, and/or refurbish electronic waste generated by students and take measures to ensure that the electronic waste is recycled responsibly?:

Yes

A brief description of steps taken to ensure that e-waste is recycled responsibly, workers' basic safety is protected, and environmental standards are met:

We have an active electronics recycling program through Synergy Recycling, a licensed electronics recycler.

A brief description of the electronic waste recycling program for institution-generated materials:

We currently coordinate with surplus property to ensure that the electronics not sold through surplus are collected and recycled properly. In addition, there is ongoing collection across campus for any and all electronics related materials.

A brief description of the electronic waste recycling program for student-generated materials :

We have two collection locations for student-generated electronics on campus. The following electronic items are collected at these sites: print cartridges, cell phones, computer equipment, technotrash (CDs, DVDs, diskettes, film, etc.). There are also other special recycling items collected at these locations as well. If it is inconvenient to take these materials to the designated sites, these items can also be placed next to the nearest recycling site and we will pick them up for recycling as well.

The website URL where information about the e-waste recycling program is available:

Hazardous Waste Management

Responsible Party

Jennifer Maxwell

Resource Conservation Manager

Physical Plant Administration

Criteria

Institution has strategies in place to safely dispose of all hazardous, special (e.g. coal ash), universal, and non-regulated chemical waste and seeks to minimize the presence of these materials on campus.

"---" indicates that no data was submitted for this field

Does the institution have strategies in place to safely dispose of all hazardous, special (e.g. coal ash), universal, and non-regulated chemical waste and seek to minimize the presence of these materials on campus?:

Yes

A brief description of steps taken to reduce hazardous, special (e.g. coal ash), universal, and non-regulated chemical waste:

A chemical reuse and exchange inventory has been implemented in order for more reduction and reuse of chemicals to take place across campus.

A brief description of how the institution safely disposes of hazardous, universal, and non-regulated chemical waste:

Our university contracts with an outside company to safely and properly dispose of hazardous, universal, and non-regulated chemical waste. As part of this contract, as much of these wastes that can be reused or recycled are handled in this way. Some are burned for reclaimed fuel usage, and the rest are handled properly according to the material being disposed of. These procedures are outlined in our contracts.

The website URL where information about hazardous materials management is available:

Materials Exchange

Responsible Party

Jennifer Maxwell

Resource Conservation Manager
Physical Plant Administration

"---" indicates that no data was submitted for this field

Does the institution have a surplus department or formal office supplies exchange program that facilitates reuse of materials?:

Yes

A brief description of the program:

Our mission is to dispose of property declared surplus by using agencies through transfers or sales to other agencies, political sub-divisions, qualified non-profit tax-exempt organizations, sale to the public or by recycling in a manner that provides the most benefit to North Carolina and its citizens.” -Robert A. Riddle
State Surplus Property Officer

The website URL where information about the program is available:

<http://www.fixedassets.appstate.edu/surplus.html>

Limiting Printing

Responsible Party

Jennifer Maxwell

Resource Conservation Manager

Physical Plant Administration

"---" indicates that no data was submitted for this field

Does the institution limit free printing for students in all computer labs and libraries?:

Yes

A brief description of how printing is limited:

Students are required to pay for the pages they print on campus.

The website URL where information about the program, policy, or practice is available:

Responsible Party

Jennifer Maxwell

Resource Conservation Manager
Physical Plant Administration

"---" indicates that no data was submitted for this field

Is the institution's default not to print course catalogs, course schedules, and directories, but instead make these materials available online?:

Yes

A brief description of the practice:

Course catalogs, course schedules, directories and the registration process are all available online. The application and deposit processes are online only. We do not do paper applications or receive deposits by postal mail.

The website URL where information about the practice is available:

Chemical Reuse Inventory

Responsible Party

Mary Cavanaugh

Environmental Health & Safety Staff

Environmental Health, Safety & Emergency Management

"---" indicates that no data was submitted for this field

Has the institution implemented a campus-wide inventory system to facilitate the reuse of laboratory chemicals?:

Yes

A brief description of the program:

An electronic chemical inventory system has been implemented and is fully operational.

The website URL where information about the practice is available:

Move-In Waste Reduction

Responsible Party

Jennifer Maxwell

Resource Conservation Manager

Physical Plant Administration

"---" indicates that no data was submitted for this field

Does the institution have a program to reduce residence hall move-in waste?:

Yes

A brief description of the program:

Through a 'moving to campus' publication, incoming students are encouraged to reduce residence hall move-in waste by packing in reusable containers (such as Rubbermaid totes) and opening and unpacking small appliances and essential items before bringing them to campus. We also have a large cardboard recycling effort during move-in to capture as much cardboard for recycling as possible.

The website URL where information about the program is available:

Move-Out Waste Reduction

Responsible Party

Jennifer Maxwell

Resource Conservation Manager

Physical Plant Administration

"---" indicates that no data was submitted for this field

Does the institution have a program to reduce residence hall move-out waste?:

Yes

A brief description of the program:

The Don't Throw It Away campaign collects gently used items from students who either no longer need or want, or don't want to take them home.

In the fall, those items are sold to incoming freshmen, transfer students and returning students who are looking for bargains to help outfit their dormitory hall room or apartment. The sale also is open to the public.

The BIG sale, as it is called, donated the money collected to local charities. In fall 2009, the BIG Sale netted \$13,500 for area charities, and the Don't Throw it Away campaign kept approximately 52.5 tons of waste out of the area landfill. This program has grown over the years thanks to generous volunteers.

The website URL where information about the program is available:

<http://act.appstate.edu/big-sale>

Water

This subcategory seeks to recognize institutions that are conserving water and making efforts to protect water quality. Pumping, delivering, and treating water is a major energy user, so institutions can help reduce energy consumption and the greenhouse gas emissions associated with energy generation by conserving water. Likewise, conservation and effective stormwater management are important in maintaining and protecting finite groundwater supplies. Water conservation and effective stormwater management also reduce the need for effluent discharge into local surface water supplies, which helps improve the health of local water ecosystems.

Credit
Water Consumption
Stormwater Management
Waterless Urinals
Building Water Metering
Non-Potable Water Usage
Xeriscaping
Weather-Informed Irrigation

Water Consumption

Responsible Party

Jim Dees

Data and Assessment Specialist

Office of Sustainability

Criteria

Institution has reduced its total water consumption per weighted campus user compared to a 2005 baseline.

Total water consumption includes both potable and non-potable water.

"---" indicates that no data was submitted for this field

Water consumption, 2005 baseline year:

122,552,500 Gallons

Water consumption, performance year :

104,719,666 Gallons

List the start and end dates of the water consumption performance year:

7/1/2010 to 6/30/2011

On-campus residents, 2005:

4,910

Non-residential/commuter full-time students, faculty, and staff members, 2005:

9,988

Non-residential/commuter part-time students, faculty, and staff members, 2005:

2,319

On-campus residents, performance year:

5,160

Non-residential/commuter full-time students, faculty, and staff members, performance year:

12,532

Non-residential/commuter part-time students, faculty, and staff members, performance year:

Time period for weighted campus user (list the consecutive 12 month period that most closely overlaps with water consumption performance year):

7/1/2010 to 6/30/2011

Indication of whether institution has a stated commitment to water use reduction goals:

Yes

A brief description of the plan of action to achieve water use reduction goals:

From the UNC Policy Manual, 600.6.1, Adopted 10/9/09

The University of North Carolina Sustainability Policy

"Master Planning: Sustainability principles related to infrastructure, natural resources, site development, and community impact shall be incorporated into comprehensive master plans.

Design and Construction: Capital project planning and construction processes shall meet statutory energy and water efficiency requirements and deliver energy, water, and materials efficient buildings and grounds that minimize the impact on and/or enhance the site and provide good indoor environmental quality for occupants."

The website URL where information about the institution's water conservation initiatives is available:

<http://www.northcarolina.edu/policy/index.php>

Stormwater Management

Responsible Party

Allison Kemp-Sullivan
Interim Director
Design and Construction

Criteria

Part 1

Institution has adopted a stormwater management policy, plan, and/or strategies that mitigate the stormwater runoff impacts of new construction, major renovation, and other projects that increase paved surface area on campus or otherwise significantly change the campus grounds.

The policy, plan, and/or strategies address both the quantity and quality (or contamination level) of stormwater runoff.

The policy, plan, and/or strategies cover the entire campus. While the specific strategies or practices adopted may vary depending on project type and location, this credit is reserved for institutions that mitigate stormwater runoff impacts consistently during new construction. Implementing a strategy or strategies for only one new development project is not sufficient for this credit.

Policies adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

Part 2

Institution has adopted a stormwater management policy, plan, or strategies that mitigate the stormwater runoff impacts of ongoing campus operations.

The policy, plan, or strategies address both the quantity and quality (or contamination level) of stormwater runoff.

Though specific practices adopted may vary across the campus, the policy, plan, and/or strategies cover the entire institution. Implementing strategies for only one building or area of campus is not sufficient for this credit.

"---" indicates that no data was submitted for this field

Does the institution have a policy, plan, and/or strategies to reduce stormwater runoff from new development projects? :

Yes

Does the institution have a policy, plan, and/or strategies to reduce stormwater runoff from ongoing campus operations? :

Yes

A brief description of the institution's stormwater management initiatives:

*The Carol Grotnes Belk Library and Information Commons and associated parking deck have a rainwater detention retention system that captures water, and by way of weir, releases the water into the watershed to prevent flooding.

*The university is also currently studying permeable concrete surfaces and currently has 3 permeable concrete parking spaces under study.

*The Holmes Convocation Center has a filtered storm water catchment system. One reservoir is 2400 gallons and another is 900 gallons.

*The university has future plans to install a storm water filtration system on Stadium Drive lot, a 400 space parking lot.

The website URL where information about the institution's stormwater management initiatives, plan or policy is available:

Does the institution have a living or vegetated roof?:

Yes

A brief description of the institution's living or vegetated roof:

*The green roof is a project of the Appalachian State Physical Plant in conjunction with Pepco Energy Services and is designed specifically to conserve energy, as well as show students the benefits of vegetative roofs on campus. It is located on Kerr Scott Building.
Link to map:

<http://maps.appstate.edu/campus-map/index.php?marker=9>

*Appalachian has 3 construction projects underway with green roofs included in their design.

Does the institution have porous paving?:

Yes

A brief description of the institution's porous paving:

The university is also currently studying permeable concrete surfaces and currently has 3 permeable concrete parking spaces under study. There has been a big push to use permeable-wearing services, but so far, the experimental plots have not proven to be successful due to snow removal, freeze/thaw conditions, use of slag, and heavy axial loadings.

Does the institution have retention ponds?:

Yes

A brief description of the institution's retention ponds:

On Rivers Street under the overhead walkway as part of the Kraut Creek Restoration is a newly built retention pond. Designed to hold (a certain amount of water for a certain amount of time).

Does the institution have stone swales?:

Yes

A brief description of the institution's stone swales:

The Kraut Creek Restoration includes stone swales intended to aid in bank retention and stormwater management.

Does the institution have vegetated swales?:

Yes

A brief description of the institution's vegetated swales:

Kraut Creek as it flows through Durham Park features a vegetated swale to help with stormwater management while also enhancing the aesthetics of the park.

Does the institution employ any other technologies or strategies for stormwater management?:

Yes

A brief description of other technologies or strategies for stormwater management employed:

Our new Beasley Broadcast Center is designed to collect stormwater and reuse as gray water.

Waterless Urinals

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution use at least one waterless urinal?:

No

A brief description of the technology employed:

It was tried with a couple of urinals, but rejected.

The website URL where information about the technology is available:

Building Water Metering

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have building-level water consumption meters for at least one building?:

Yes

A brief description of the water metering employed:

15402 Water Meters

"Water meters shall be installed for all buildings in accordance with the State of N.C. and the Town of Boone regulations. Water meters shall be Touch-read, have a 1000 gallon multiplier and be easily accessible for reading and maintenance. Acceptable units are the Sensus SRH Compound meter with touch-read encoder ECR registers for two inch or larger and the Neptune Compound water meter with touch-read encoder ECR registers for 1-1/2 inch lines."

The percentage of building space with water metering:

The website URL where information about the practice is available:

<http://www.physicalplant.appstate.edu/division-15#link15440>

Non-Potable Water Usage

Responsible Party

Jim Dees

Data and Assessment Specialist

Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution use non-potable water (e.g., harvested rainwater or graywater) for irrigation and/or other applications?:

Yes

A brief description of the source of non-potable water and how it is used:

The Sustainable Development Farm uses captured water as thermal storage in the greenhouse.

The percentage of irrigation water usage from recovered, reclaimed or untreated sources :

The percentage of building space using water from recovered, reclaimed or untreated sources:

The percentage of water used in utility plants from recovered, reclaimed or untreated sources:

The website URL where information about the program, policy, or practice is available:

Xeriscaping

Responsible Party

Jim Bryan

Landscape Services Superintendent

Landscape Services

"---" indicates that no data was submitted for this field

Does the institution use xeriscape landscaping techniques, including the selection of drought tolerant plants?:

Yes

A brief description of the program or practice:

When landscaping plans are reviewed, native, drought tolerant plants, are selected wherever possible. With the exception of athletic fields, none of the lawn areas or landscape beds are irrigated.

The website URL where information about the program or practice is available:

Weather-Informed Irrigation

Responsible Party

Jim Bryan

Landscape Services Superintendent

Landscape Services

"---" indicates that no data was submitted for this field

Does the institution use weather data or weather sensors to automatically adjust irrigation practices?:

Yes

A brief description of how weather data or sensors are used:

Under normal conditions we receive adequate rainfall here in Boone, NC to sustain our landscape. We only irrigate to establish plant material, and the few containers we have on campus. The only permanently installed irrigation systems are located on two athletic fields. These are not automatically irrigated, but are monitored daily and only irrigated if needed, based on weather and scheduled events. In general, the athletic fields are not irrigated at all under normal conditions.

The website URL where information about the practice is available:

Planning, Administration & Engagement

Coordination and Planning

This subcategory seeks to recognize colleges and universities that are institutionalizing sustainability by dedicating resources to sustainability coordination, incorporating sustainability into their primary campus plans, and developing plans to move towards sustainability. Staff and other resources help an institution organize, implement, and publicize sustainability initiatives. These resources provide the infrastructure that fosters sustainability within an institution. Strategic and physical campus plans guide an institution and its physical development. These important documents establish an institution's priorities and influence budgeting and decision making. Incorporating sustainability into these plans is an important step in making sustainability a campus priority and may help advocates implement sustainable changes. Sustainability plans and climate plans provide a road map for how to achieve sustainability goals.

Credit
Sustainability Coordination
Strategic Plan
Physical Campus Plan
Sustainability Plan
Climate Action Plan

Sustainability Coordination

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Criteria

Institution has a sustainability committee, office, and/or coordinator that are tasked by the administration or board of trustees to advise on and implement policies and programs related to sustainability on campus.

The committee, office, and/or coordinator focus on sustainability broadly (i.e. not just one sustainability issue, such as climate change) and cover the entire institution. A committee, office, or coordinator that focuses on just one department or school within the institution does not count for this credit.

"---" indicates that no data was submitted for this field

Does the institution have a sustainability committee?:

Yes

The charter or mission statement of the committee or a brief description of the committee's purview and activities :

Vision: The Sustainability Council at Appalachian State University, comprised of appointed faculty, staff, students and administrators, seeks to enhance sustainability in our university's facilities, outreach efforts, programming, educational programs, research initiatives, and other activities.

The Council's Mission includes the following:

1. Develop recommendations for enhancing sustainability in ASU's administrative and physical plant operations. Provide input to university administration and staff on specific projects as well as overall campus planning.
2. Promote and support outreach activities, including development and maintenance of an active Website, participation in campus events and programs, workshops and seminars for a wide range of organizations, and promoting sustainable efforts to the media.
3. Promote and support faculty and campus efforts to incorporate sustainability in educational programs.
4. Participate in task forces, committees, and other organizations to encourage development of sustainable policies and programs.
5. Promote and support development of campus research projects that focus on sustainability.

Members of the committee, including affiliations:

Campus sustainability Director, Director of the Physical Plant or designee, Director of Design and Construction or designee, Campus Energy Manager or designee, Director of Athletics or designee, Director of Housing or designee, Director of Food Services or designee, Director of the Institute for Environmental, Energy, and Economic Research, Director of the Energy Center, Director of the Center for Economic Research and Policy Analysis, Director of the Southern Appalachian Environmental Research and Education Center, Director

of Student Development or designee, Director of the Equity Office or designee, Director of the Development Office or designee, Director of the University Communications or designee, President of the Faculty Senate or designee, Director of the Staff Council or designee, Director of Campus Information Technology Center or designee, President of the Student Government Association or designee, President of the Graduate Student Association or designee, Director of the Renewable Energy Initiative, and Faculty members from the following colleges, appointed by the Dean for two-year terms: Arts and Sciences, Business, Education, Fine and Applied Arts, Music, University College, Health Sciences and Allied Professions (when formed). Further, at-large members proposed by the Co-chairs of the Sustainability Council and approved by the membership by a majority vote.

The website URL where information about the sustainability committee is available:

<http://sustain.appstate.edu/about/sustainabilitycouncil>

Does the institution have a sustainability office?:

Yes

A brief description of the sustainability office:

The Office of Sustainability is charged with leading and managing Appalachians's sustainability programs, which are intracampus and cross-disciplinary. The Office of Sustainability works in a consulting role to the campus to further sustainability-focused goals. The university's greenhouse gas inventory and STARS is conducted by the Office of Sustainability, as well as aiding in research and other initiatives for a sustainable campus, i.e., energy savings, curriculum, local food, greening athletics, sustainability reporting, and communications. There are two permanent employee positions, including the Director, and four graduate assistants employed through the Office of Sustainability.

The number of people employed in the sustainability office:

7

The website URL where information about the sustainability office is available:

<http://sustain.appstate.edu/office-of-sustainability>

Does the institution have a sustainability coordinator?:

Yes

Sustainability coordinator's name:

Ged Moody

Sustainability coordinator's position title:

University Sustainability Director

A brief description of the sustainability coordinator's position:

The sustainability director is responsible for coordinating the university's progress toward the goal of creating a campus sustainability plan, implement new programs and communicate sustainable practices with students, faculty and staff

The website URL where information about the sustainability coordinator is available:

<http://www.news.appstate.edu/2009/06/12/moody-sustainability-director/>

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Criteria

Institution's current, formally adopted strategic plan or equivalent guiding document includes sustainability at a high level. The plan covers the entire institution.

An amendment to the strategic plan may count for this credit, as long as the institution always presents the amendment with the original plan.

Neither a physical campus plan (which is covered in *PAE Credit 3: Physical Campus Plan*) nor an independent sustainability plan (which is covered in *PAE Credit 5: Sustainability Plan*) counts for this credit.

"---" indicates that no data was submitted for this field

Year the strategic plan or equivalent was completed or adopted:

2,008

Does the institution's strategic plan or equivalent guiding document include the environmental dimensions of sustainability at a high level?:

Yes

A brief description of how the strategic plan or amendment addresses the environmental dimensions of sustainability:

Statement of Core Values - "We have a genuine respect for the natural environment and a commitment to principles of sustainability." The strategic plan addresses the our initiative to increase competitive research programs in energy, environment and economics. Priority #5 of the strategic plan says that Appalachian will develop and implement a comprehensive plan to protect and enhance our distinctive historical, geographical, and cultural identity associated with our location in the Appalachian Mountains.

Does the institution's strategic plan or equivalent guiding document include the social dimensions of sustainability at a high level?:

Yes

A brief description of how the strategic plan or amendment addresses the social dimensions of sustainability:

Statement of Core Values - "We believe the success of the university depends upon personal achievement, and we maintain as our top priority appropriate policies and resource allocation strategies to promote student, faculty, and staff development.

"We support a culture that promotes diversity, shared responsibility, and mutual respect.

"We embrace shared governance.

"We emphasize open communication and transparent decision processes."

One of Appalachian's priorities is to develop support services and promote a diverse culture of faculty and staff

Does the institution's strategic plan or equivalent guiding document include the economic dimensions of sustainability at a high level?:

Yes

A brief description of how the strategic plan or amendment addresses the economic dimensions of sustainability:

The mission statement indicates the importance of Appalachian State University accomplishing its initiatives through efficient and effective resource utilization. Further, Priority #3, Initiative #1 states, "Appalachian will offer competitive salaries and benefits for faculty and staff." Along with this initiative, Appalachian will provide the necessary policies and support structure to support faculty and staff career development and satisfaction. Priority #4 states that Appalachian will apply its intellectual, academic, cultural, and research resources to promote sustainable economic growth, prosperity, and quality of life throughout this region and state.

The website URL where information about the strategic plan is available:

http://www.appstate.edu/about/strategic_plan.pdf

Physical Campus Plan

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Criteria

Institution's current plan for its physical campus (commonly referred to as the campus master plan) includes sustainability at a high level.

An amendment to the plan may count for this credit, as long as the institution always presents the amendment with the original plan.

Neither a strategic plan (which is covered in *PAE Credit 2: Strategic Plan*) nor an independent sustainability plan (which is covered in *PAE Credit 4: Sustainability Plan*) counts for this credit.

Plans developed at the system level are eligible for this credit. Likewise, multiple plans which together cover the institution's entire physical campus are eligible for this credit.

"---" indicates that no data was submitted for this field

Does the institution's physical campus plan include sustainability at a high level?:

Yes

A brief description of how the physical campus plan or amendment includes sustainability:

The Campus Master Plan 2020 weaves sustainability throughout the document. The Statement of Core Values discusses social, economic and environmental sustainability, from a genuine respect for the natural environment to promotion of diversity, shared responsibility and governance, and mutual respect. Landscaping uses long term planning to create a resilient landscaping plan. Transportation in the Master Plan addresses the need for more diverse and sustaining means of transportation infrastructure, like bicycle shelters, hybrid plug-in stations, and carpool only spaces.

The year the physical campus plan was developed or adopted:

2,010

The website URL where the physical campus plan is available:

http://www.masterplan2020.appstate.edu/sites/default/files/AppFinalMasterPlanReport03_18_10C.pdf

Sustainability Plan

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Criteria

Institution has a sustainability plan that was developed with input from faculty, staff, and students. The plan includes measurable goals with corresponding strategies and timeframes to achieve the goals. The plan need not be formally adopted.

The plan covers multiple sustainability topics and issues. Plans focused exclusively on climate change, which are covered by *PAE Credit 5: Climate Plan*, are not eligible for this credit.

Strategic or master plans that cover sustainability may count for this credit if they meet the other criteria outlined above.

"---" indicates that no data was submitted for this field

Does the institution have a sustainability plan that meets the criteria for this credit?:

Yes

A brief description of how multiple stakeholder groups were involved in developing the plan:

The forum for the ASU Campus Master Plan 2020 update was based on a series of intensive workshops conducted on the campus. During each workshop, the design team engaged members of the campus and community in dialogue, fact-finding, and decision making. In addition, members of the team participated in sessions for the Town of Boone Land Use Plan project, which paralleled this process.

A brief description of the plan's measurable goals :

For every recommendation to the Campus Master Plan 2020, there are 0-4 years, 5-9 years, and in some instances, 10+ years goals for achievement.

A brief description of how progress in meeting the plan's goals is measured:

Progress is established through the implementation of the Campus Master Plan's recommendations.

The website URL where more information about the sustainability plan is available:

http://www.masterplan2020.appstate.edu/sites/default/files/AppFinalMasterPlanReport03_18_10C.pdf

The year the plan was developed or last updated:

2,010

Climate Action Plan

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Criteria

Institution has a formal plan to mitigate its greenhouse gas emissions. The plan includes a measurable, numerical goal or goals and a corresponding date or dates by which the institution aims to achieve its goal(s). The plan has been adopted by the institution's administration.

A formal sustainability plan (i.e. a plan that has been adopted by the administration) counts for this credit if it includes climate change goals, strategies, and corresponding timeframes. Such a plan may also count toward *PAE Credit 4: Sustainability Plan*.

"---" indicates that no data was submitted for this field

Does the institution have a plan to mitigate its greenhouse gas emissions that meets the criteria for this credit?:

Yes

A brief summary of the climate plan's long-term goals:

Appalachian State's CAP indicates that relative to 2009 data, there will be a 51% reduction in emissions by 2025 for Scopes 1, 2 and 3.

Appalachian State has projected it will be carbon neutral by 2050. To achieve climate neutrality will require a great focus. Our administrators will need to be committed to this goal through strategic allocation of university resources. Our staff members must be dedicated to creating and managing an effective and imaginative infrastructure with net-zero GHG emissions as a key goal.

Our faculty must apply their expertise and research inward as part of this overall joint focus. Our students must be prepared to both lead by example and to be respectful users of our campus infrastructure and our planet. We must all view this as an education opportunity where we are simultaneously teaching and learning from each other.

A brief summary of the climate plan's short-term goals:

Appalachian State's CAP has identified the following interim greenhouse gas reduction targets:

-by 2015 Scope I will reduce 24%, Scope II will reduce 20% and Scope III will reduce 10% for an overall reduction of 19%

-by 2025 the plan calls for a 45% reduction in Scope I, a 60% reduction in Scope II and a 33% reduction in Scope III with an overall goal of 51% reduction.

Year the climate plan was formally adopted or approved:

2,010

An indication of whether institution has made a commitment to reduce GHG emissions a specific amount by a target year:

Yes

List which emissions (scope 1, 2, and/or 3) are included in its GHG emissions commitment:

Scope 1, 2 & 3

The reduction level (percentage) institution has committed to:

51% by 2025

The baseline year the institution used in its GHG emissions commitment:

Jan. 1, 2009

The baseline emissions level institution used in its GHG emissions commitment:

79,219.4 MT eCO₂

The target year the institution specified in its GHG emissions commitment :

Dec. 31, 2050

The website URL where information about the climate plan is available:

<http://www.sustain.appstate.edu/climate>

Diversity and Affordability

This subcategory seeks to recognize institutions that are working to advance diversity and affordability on campus. In order to build a sustainable society, diverse groups will need to be able to come together and work collaboratively to address sustainability challenges. People of color and low-income communities tend to suffer disproportionate exposure to environmental problems. This environmental injustice happens as a result of unequal and segregated communities. To achieve environmental and social justice, society must work to address discrimination and promote equality. The historical legacy and persistence of discrimination based on racial, gender, religious, and other differences makes a proactive approach to promoting a culture of inclusiveness an important component of creating an equitable society. Higher education opens doors to opportunities that can help create a more equitable world, and those doors must be open through affordable programs accessible to all regardless of race, gender, religion, socio-economic status and other differences. In addition, a diverse student body, faculty, and staff provide rich resources for learning and collaboration.

Credit
Diversity and Equity Coordination
Measuring Campus Diversity Culture
Support Programs for Underrepresented Groups
Support Programs for Future Faculty
Affordability and Access Programs
Gender Neutral Housing
Employee Training Opportunities
Student Training Opportunities

Diversity and Equity Coordination

Responsible Party

Linda Foulsham

Director

Office of Equity, Diversity and Compliance

Criteria

Institution has a diversity and equity committee, office, and/or coordinator that are tasked by the administration or board of trustees to advise on and implement policies, programs, and trainings related to diversity and equity on campus.

"---" indicates that no data was submitted for this field

Does the institution have a diversity and equity committee?:

Yes

The charter or mission statement of the committee or a brief description of the committee's purview and activities :

The Multicultural Center Advisory Board is comprised of students, faculty, and staff members who are committed to achieving the mission of the Multicultural Center while maintaining its purpose. The Board assists in decision-making regarding the programs that the Office of Multicultural Student Development will host, oversees its operating budget, and when possible, assists with the recruitment and retention efforts for Appalachian State University. Members of the board also evaluate the programming efforts. Additionally, this group reviews applications for consideration for exhibits to be housed in the Multicultural Center. Another function of this committee is to make decisions regarding opportunities for program co-sponsorship.

The Multicultural Center Advisory Board gives individuals an opportunity to provide the Office of Multicultural Student Development with input on cultural programming and allocating funds for co-sponsorship activities. Some of the programs that the Advisory Board members typically assist with are the Diversity Series/Captain's Forum, Black History Month, the Annual MLK Commemoration Program, and the Kwanzaa Celebration and Feast as well as other collaborative initiatives.

Membership is open to any Appalachian State University student, or faculty/staff for one year and is renewable based on active participation and attendance at monthly meetings.

Members of the committee, including job titles and affiliations :

Dr. Cameron Lippard, Sociology

Dr. Kim Gunter, English

Carter Hammett-McGarry, University College

Kim Mitchell, Center for Student Involvement and Leadership

Tina Parlier, Registrars Office

Maranda Maxey, Office of Disability Services

The website URL where information about the diversity and equity committee is available:

<http://multicultural.appstate.edu/index.php?module=pagesmith&id=27>

Does the institution have a diversity and equity office?:

Yes

A brief description of the diversity office:

The Office of Equity, Diversity, and Compliance is charged with developing, sustaining, and extending living, learning, and working environments that are fair, inclusive, and welcoming for all members of the Appalachian State University community. Equitable access to education for all students is an institutional imperative, as is the vigorous recruitment of an increasingly diverse faculty and staff.

The Office celebrates and cultivates diversity in all its aspects through education, outreach, and the building of community. Concerns about unlawful harassment brought by any member of the university community are addressed by an equity officer and brought to resolution if indicated. And, because education is the cornerstone of this institution, the training of all employees to recognize and prevent discrimination in the workplace is integral to creating and sustaining a vital culture that extends equal opportunity for all people to learn, work, and grow to their fullest potential.

The number of people employed in the diversity office:

4

The website URL where information about the diversity and equity office is available:

<http://edc.appstate.edu/>

Does the institution have a diversity and equity coordinator?:

Yes

Diversity coordinator's name:

Linda Foulsham, J.D.

Diversity coordinator's position title:

Director of Office of Equity, Diversity and Compliance

A brief description of the diversity coordinator's position:

Linda provides advice and counsel to academic and administrative units and university constituencies on all matters related to affirmative action and equal employment opportunity. Linda oversees the AA/EEO components of EPA job searches on campus, closely monitors the university's AA/EEO plans, and reviews university policies and practices for compliance with state and federal law.

Linda responds to complaints of harassment and/or discrimination filed by university employees and students. She conducts investigations in accordance with the university's nondiscrimination policies and assists with dispute resolution. Linda is available to provide educational and professional development programs on issues related to affirmative action, equal employment opportunity and other equity issues.

The website URL where information about the diversity and equity coordinator is available:

<http://edc.appstate.edu/contacts/>

Measuring Campus Diversity Culture

Responsible Party

Linda Foulsham

Director

Office of Equity, Diversity and Compliance

Criteria

Institution assesses attitudes about diversity and equity on campus and uses the results to guide policy, programs, and initiatives.

Institution may measure its culture of diversity and equity using one assessment for the entire institution or using separate assessments that taken together cover the entire institution.

Assessments conducted during the previous five years are eligible for this credit.

"---" indicates that no data was submitted for this field

Has the institution assessed attitudes about diversity and equity on campus in a way that meets the criteria for this credit?:

Yes

A brief description of the assessment(s):

In 2008-2009 the Chancellor's Task Force for Diversity sent a survey to all constituency groups on campus to assess campus climate and individual experiences with respect to diversity on campus. The Task Force also conducted focus groups with students and employees to gather information about diversity on campus.

Year the assessment was last administered:

2,009

A brief description of how the results of the assessment(s) are used in shaping policy, programs, and initiatives:

The information gathered from these assessments was used in shaping the draft Plan for Diversity that the Task Force submitted to the Chancellor in the summer of 2009.

The website URL where information about the assessment(s) is available:

<http://edc.appstate.edu/diversity/>

Support Programs for Underrepresented Groups

Responsible Party

Linda Foulsham

Director

Office of Equity, Diversity and Compliance

Criteria

Institution has mentoring, counseling, peer support, affinity groups, academic support programs, or other programs in place to support underrepresented groups on campus.

"---" indicates that no data was submitted for this field

Does the institution have mentoring, counseling, peer support, affinity groups, academic support programs, or other programs in place to support underrepresented groups on campus?:

Yes

A brief description of the programs sponsored by the institution to support underrepresented groups within the student body:

There are a number of programs and organizations to support under-represented students. These efforts are coordinated through the Office of Multicultural Student Development.

<http://multicultural.appstate.edu/about/three-centers-one-mission>

A brief description of the programs sponsored by the institution to support underrepresented groups within the faculty:

There are organizations on campus that provide support to under-represented groups within the faculty including LGBT faculty, black faculty, and international faculty. All groups are described on the following web site:

<http://edc.appstate.edu/diversity/groups.html>

A brief description of the programs sponsored by the institution to support underrepresented groups within the staff:

There are organizations on campus that provide support to under-represented groups within the staff including LGBT staff, black staff, and international staff. All groups are described on the following web site:

<http://edc.appstate.edu/diversity/groups.html>

The website URL where more information about the programs in each of the three categories is available :

<http://edc.appstate.edu/diversity/groups.html>

Support Programs for Future Faculty

Responsible Party

Linda Foulsham

Director

Office of Equity, Diversity and Compliance

Criteria

Institution administers and/or participates in a program or programs to help build a diverse faculty throughout higher education.

Such programs could take any of the following forms:

- Teaching fellowships or other programs to support terminal degree students from underrepresented groups in gaining teaching experience. (The terminal degree students may be enrolled at another institution).
 - Mentoring, financial, and/or other support programs to prepare and encourage undergraduate or other non-terminal degree students to pursue further education and careers as faculty members.
 - Mentoring, financial, and/or other support programs for doctoral and post-doctoral students from underrepresented groups.
-

"---" indicates that no data was submitted for this field

Does the institution administer and/or participate in programs that meet the criteria for this credit?:

Yes

A brief description of the institution's programs that help increase the diversity of higher education faculty :

Appalachian's administration is strongly committed to diversity, offering strong support to various initiatives. Students learn best in diverse educational environments; therefore, central to the depth and quality of intellectual life at Appalachian is recruiting and retaining a diverse faculty. A diverse faculty attracts a diverse student body, thus enriching all learning, working, and social interactions and preparing students to thrive in an increasingly diverse world. One significant step that Appalachian took to recruit and retain a more diverse was instating the Faculty Fellows Program, first introduced in 1993, but formally launched in a campus-wide initiative in 2002, in conjunction with the establishment of the Office of Diversity (now the Office of Equity, Diversity and Compliance).

The website URL where more information about the program(s) is available :

<http://edc.appstate.edu/diversity/facultyfellows.html>

Affordability and Access Programs

Responsible Party

Linda Foulsham

Director

Office of Equity, Diversity and Compliance

Criteria

Institution has policies and programs in place to make it accessible and affordable to low-income students. Such policies and programs may include, but are not limited to, the following:

- Policies and programs to minimize the cost of attendance for low-income students
- Programs to equip the institution's faculty and staff to better serve students from low-income backgrounds
- Programs to prepare students from low-income backgrounds for higher education such as the federal TRIO programs
- Scholarships for low-income students
- Programs to guide parents of low-income students through the higher education experience
- Targeted outreach to recruit students from low-income backgrounds
- Other admissions policies or programs
- Other financial aid policies or programs

Institutions are not required to have programs or policies in each of the above areas in order to earn this credit. They may pursue the policies and programs that are appropriate for their context.

"---" indicates that no data was submitted for this field

Does the institution have policies and programs in place to make it accessible and affordable to low-income students?:

Yes

A brief description of the institution's participation in federal TRIO programs:

The university participates in the federal TRIO programs with GEAR UP and Upward Bound. The mission of the GEAR UP initiative is to accelerate the academic achievement of middle and secondary school students in the Alleghany, Avery, Burke Counties in North Carolina, so that increasing numbers will graduate from high school and enroll and succeed in college.

The objectives of GEAR UP are to: Ensure that all students have access to rigorous courses that prepare them for college; Provide early information about college options, required courses, and financial aid; Increase the participation and success of students in "gateway" courses such as Algebra; Provide information to families about the costs of college and the availability of student financial assistance; Be a catalyst for school reform especially at the middle school grades; Provide support for parents in preparing their students for college; Develop intensive tutoring, mentoring, and counseling programs that meet students' needs; Build capacity for continuous school improvement through funding and assistance for staff training and professional development.

Upward Bound is an academic support program funded by the U. S. Department of Education's TRIO Programs division. Upward Bound provides the necessary support for families who meet federal income guidelines and/or first generation high school students to complete high school, enroll in college, and successfully obtain a four-year college degree.

Students spend six weeks each summer living on campus at Appalachian. Students get help choosing high school courses; Go on trips to the beach, camping, kayaking, backpacking, & more; Go to plays, concerts, and lectures; Receive help developing a resume and cover letters that will earn scholarships; Visit and compare colleges; Receive help applying for college and obtaining financial aid; Meet and become friends with students from three other high schools. All of these opportunities are FREE!

A brief description of the institution's policies and programs to minimize the cost of attendance for low-income students?:

Appalachian State University is committed to making higher education affordable for every North Carolina student and has developed the Appalachian Commitment to a College Education for Student Success (ACCESS) program as a method to insure that students from low-income families in North Carolina can attend Appalachian debt-free.

The ACCESS program offers such students a four-year university education at Appalachian debt-free. Specifically, the ACCESS program supplements federal financial aid grants, state financial aid grants and scholarships, and other forms of financial assistance with sufficient funds to cover the cost of institutional charges (tuition, fees, room, board) and an on-campus job for personal expenses for up to four years (eight semesters). Along with the financial assistance for students, a comprehensive program of academic support is a part of Appalachian's ACCESS program.

<http://lap.appstate.edu/welcome-access>

A brief description of the institution's programs to equip the institution's faculty and staff to better serve students from low-income backgrounds:

The Division of Student Development provides educational programs and resources to faculty and staff to better serve students from low-income backgrounds. The Learning Assistance Program provides academic resources and support to these students.

A brief description of the institution's programs to prepare students from low-income backgrounds for higher education:

The College Awareness Programs work with low-income students and their families to prepare the students for higher education.

<http://gocollege.appstate.edu/>

A brief description of the institution's scholarships for low-income students:

The university has a number of scholarships that are awarded to students based on financial need:

<http://www.admissions.appstate.edu/scholarships/search/results/taxonomy%3A70>

The university's ACCESS program ensures that eligible low-income students from North Carolina can attend the university debt-free.

<http://lap.appstate.edu/welcome-access>

A brief description of the institution's programs to guide parents of low-income students through the higher education experience:

The Admissions Office has information available to parents:

<http://www.admissions.appstate.edu/parents>

The College Awareness Programs work with low-income students and their parents to provide them with information about the higher education experience.

<http://gocollege.appstate.edu/>

A brief description of the institution's targeted outreach to recruit students from low-income backgrounds:

The Office of Admissions has trained recruiters who target students from low-income backgrounds. The Office of Admissions recently hired an Assistant Director for Access who will be enhancing the university's outreach efforts to low-income students and students from other under-represented populations.

A brief description of the institution's other admissions policies and programs:

A brief description of the institution's other financial aid policies or programs:

The Office of Financial Aid works with students and their families to assist with eliminating financial barriers to attending Appalachian.

<http://financialaid.appstate.edu/>

A brief description of the institution's other policies and programs not covered above:

The website URL where information about programs in each of the areas listed above is available:

<http://lap.appstate.edu/access>

Gender Neutral Housing

Responsible Party

Linda Foulsham

Director

Office of Equity, Diversity and Compliance

"---" indicates that no data was submitted for this field

Does the institution offer housing options to accommodate the special needs of transgender and transitioning students (either as a matter of policy or as standard practice)?:

Yes

A brief description of the program, policy, or practice:

The Department of Housing and Residence Life works with transgender and transitioning students to ensure they have safe and secure housing options.

The website URL where information about the program, policy, or practice is available:

<http://housing.appstate.edu/pagesmith/57>

Employee Training Opportunities

Responsible Party

Linda Foulsham

Director

Office of Equity, Diversity and Compliance

"---" indicates that no data was submitted for this field

Does the institution make cultural competence trainings and activities available to all employees?:

Yes

A brief description of the cultural competence trainings and activities:

The Office of Multicultural Student Affairs and the Office of Equity, Diversity and Compliance provide a variety of educational and training opportunities to the university community.

The website URL where information about the trainings and activities are available:

<http://edc.appstate.edu/diversity-education-and-outreach>

Student Training Opportunities

Responsible Party

Linda Foulsham

Director

Office of Equity, Diversity and Compliance

"---" indicates that no data was submitted for this field

Does the institution make cultural competence trainings and activities available to all students?:

Yes

A brief description of the cultural competence trainings and activities:

The Office of Multicultural Student Affairs and the Office of Equity, Diversity and Compliance provide a variety of educational and training opportunities to the university community.

The website URL where information about the trainings and activities are available:

<http://edc.appstate.edu/diversity-education-and-outreach>

Human Resources

This subcategory seeks to recognize institutions that have incorporated sustainability into their human resources programs and policies. This includes recognition for treating and remunerating their workers responsibly and fairly. An institution's people define its character and capacity to perform; and so, an institution's achievements can only be as strong as its community. An institution can bolster the strength of its community by making fair and responsible investments in its human capital. Such investments include offering benefits, wages, and other assistance that serve to respectfully and ethically compensate workers. Investment in human resources is integral to the achievement of a healthy and sustainable balance between human capital, natural capital, and financial capital.

In addition, this subcategory recognizes faculty and staff training and development programs in sustainability. Faculty and staff members' daily decisions impact an institution's sustainability performance. Equipping faculty and staff with the tools, knowledge, and motivation to adopt behavior changes that promote sustainability is an essential activity of a sustainable campus.

Credit
Sustainable Compensation
Employee Satisfaction Evaluation
Staff Professional Development in Sustainability
Sustainability in New Employee Orientation
Employee Sustainability Educators Program
Childcare
Employee Wellness Program
Socially Responsible Retirement Plan

Sustainable Compensation

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Criteria

Institution evaluates, and updates as appropriate, its wages and benefits policies and its guidelines for contractors operating on campus to ensure that total compensation (wages plus benefits) for all on-campus workers is sufficient to enable these employees to meet their basic needs, as defined by the institution. This evaluation is completed at least once every three years.

Student workers are not covered by this credit.

While wages and total compensation set in the following ways may constitute sustainable compensation, institutions should conduct a basic needs assessment to ensure that the total compensation is adequate before claiming points for this credit:

- Paying prevailing wages for job type or classification
- Paying average or above average wages for the region or city where the institution is located
- Paying minimum wages or a set amount above the minimum wage

Policies and practices adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

Submission Note:

Additional link: ASU promotes just compensation wages as supported in the Strategic Plan:

http://www.appstate.edu/about/strategic_plan.pdf

It is the policy of the State to compensate its employees at a level sufficient to encourage excellence of performance and to maintain the labor market competitiveness necessary to recruit and retain a competent work force, Faculty, Staff and Administrators.

"---" indicates that no data was submitted for this field

Total number of employees working on campus (including contractors):

2,476

Number of employees (including contractors) that the institution ensures earn sustainable compensation:

2,476

A brief description of how the institution ensures that its lowest-paid workers (including contractors, if applicable) receive sustainable compensation:

STARS Reporting Tool | AASHE

It is the policy of the State [of North Carolina] to compensate its employees at a level sufficient to encourage excellence of performance and to maintain the labor market competitiveness necessary to recruit and retain a competent work force*. Further, Appalachian State University, through the University Strategic Plan seeks to:

- Allocate resources, develop support services, and promote a collegial culture to attract, develop, and retain an exceptional faculty and staff.
- Offer competitive salaries and benefits for faculty and staff.
- Promote faculty and staff career satisfaction and development, [striving to create] a welcoming culture, transparent policies, and fair reward systems that encourage high performance, diversity, and equity.

These efforts are underpinned by annual compensation studies conducted by the NC State Personnel Commission as well as Appalachian State University, and have resulted in data that supports the assumption that the university is paying a set amount above the prevailing “market” wage in the five (5) surrounding counties of western North Carolina and eastern Tennessee.

To report for this study, the lowest paid employees on campus are those that work in Building Services, Physical Plant, Administrative Support Services, and Food Services—of which (congruent with study results) 100% are paid above the prevailing wage of the “market” area. Data for these employees is as follows:

- Food Services: paid \$11.51/hr compared to \$9.52/hr prevailing
- Building Services: paid \$11.67/hr compared to \$9.55/hr prevailing
- Physical Plant: paid \$13.54/hr compared to \$10.44/hr prevailing
- Administrative Support Services: paid \$15.02/hr compared to \$13.47/hr prevailing

The most recent year total compensation for the institution’s lowest-paid workers (including contractors, if applicable) was evaluated to ensure that it was sustainable:

2,009

The website URL where information about the institution’s compensation policies and practices is available:

<http://www.osp.state.nc.us/manuals/man4.html>

Employee Satisfaction Evaluation

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Criteria

Institution conducts a survey or other evaluation that allows for anonymous feedback at least once every five years to measure employee satisfaction. The survey or equivalent may be conducted institution-wide or may be done by individual departments as long as all departments are covered by a survey. The institution has a mechanism in place to address issues raised by the evaluation.

"---" indicates that no data was submitted for this field

Does the institution evaluate employee satisfaction in a way that meets the criteria for this credit?:

Yes

A brief description of the institution's methodology for evaluating employee satisfaction:

Every permanent SPA and EPA staff employee on record as of September 2009 was invited to participate in a comprehensive survey by the Quality of Life Committee for the purpose of making significant recommendations. Of the 1,743 employees contacted, there were 678 respondents.

The year the employee satisfaction evaluation was last administered:

2,009

The website URL where information about the institution's employee satisfaction evaluation process is available:

<http://irap.appstate.edu/index.php?module=pagesmith&id=49>

Staff Professional Development in Sustainability

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Criteria

Institution makes available training and/or other professional development opportunities in sustainability to all staff at least once per year.

Separate training opportunities for each department would count for this credit, as long as each staff member has an opportunity to learn about sustainability at least once per year.

It is not necessary that each staff member attend such trainings; the credit is based on making training *available* to all staff.

This credit applies to staff members only; it does not include faculty members.

The following training opportunities are not sufficient for this credit:

- Specialized training for a small group of staff
 - The opportunity to participate in an institutional sustainability committee or group
-

"---" indicates that no data was submitted for this field

Does the institution make training and professional development opportunities in sustainability available to all staff?:

Yes

A brief description of the sustainability trainings and professional development opportunities available to staff :

Course Description

"Learn about the concepts of sustainability and the interrelationship between the people, the economy and environment. Participants will hear what guides ASU's long commitment to sustainability and how everyone can help guide and impact ASU's path on this sustainability journey in everyday decision-making. There is a leadership opportunity for everyone!"

About the Course

Learning Community: Human Resources

Workshop Type: HRS Employee Development

Learning Objectives

Upon completion of this course, you should be able to:

- * 1) Define and understand the history of Sustainable Development;
- * 2) Interpret the mission of the Office of Sustainability and discuss the initiatives taking place on the campus of Appalachian State University; and
- * 3) Identify and validate the sustainable practices of your office, and identify areas of sustainability that can be promoted

The website URL where information about staff training opportunities in sustainability are available:

<http://its2.appstate.edu/workshop/detail.aspx?key=469>

Sustainability in New Employee Orientation

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Criteria

Institution covers sustainability topics in new employee orientation and/or in outreach and guidance materials distributed to new employees, including faculty and staff.

"---" indicates that no data was submitted for this field

Does the institution cover sustainability topics in new employee orientation and/or in outreach and guidance materials distributed to new employees, including faculty and staff?:

Yes

A brief description of how sustainability is included in new employee orientation:

The Office of Sustainability provides a presentation to new employees at the monthly new employee orientation. Topics covered include Appalachian State's guiding sustainability commitments and take-aways for how they can continue to promote a sustainable environment in their workplace and generally as a campus community member. Resource guides will be shared electronically with all new employees. The new employee orientation presentation defines Appalachian State's commitment to sustainability through the Strategic Plan Core Values.

The website URL for the information about sustainability in new employee orientation:

<http://www.hrs.appstate.edu/sites/default/files/orientation.pdf>

Employee Sustainability Educators Program

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Criteria

Institution administers or oversees an ongoing faculty/staff peer-to-peer sustainability outreach and education program. In the program, employee sustainability educators are formally designated and receive formal training or participate in an institution-sponsored orientation. The institution offers financial or other support to the program.

Submission Note:

This workshop was developed in preparation for an all staff professional development class on sustainability.

"---" indicates that no data was submitted for this field

Total number of people employed by the institution:

2,872

Program name (1st program) :

Plemmons Student Union Employee Sustainability Training

Number of employees served by the program (1st program):

50

A brief description of how the employee educators are selected (1st program):

The leaders of this workshop are selected by the Plemmons Student Union manager based on their area of expertise. The educators come from the Office of Sustainability and Student Union staff.

A brief description of the formal training that the employee educators receive (1st program):

Educator's training is ongoing through conferences and workshops.

A brief description of the staff and/or other financial support the institution provides to the program (1st program):

The PSU Educators program is supported by financial and staff support from the Student Union and Office of Sustainability.

The website URL where information about the program is available (1st program):

Program name (2nd program):

Number of employees served by the program (2nd program):

A brief description of how the employee educators are selected (2nd program):

A brief description of the formal training that the employee educators receive (2nd program):

A brief description of the financial or other support the institution provides to the program (2nd program):

The website URL where information about the program is available (2nd program):

Program name(s) (all other programs):

Number of employees served by the program(s) (all other programs):

A brief description of how the employee educators are selected (all other programs):

A brief description of the formal training that the employee educators receive (all other programs):

A brief description of the staff and/or other financial support the institution provides to the program(s) (all other programs):

The website URL where information about the program(s) is available (all other programs):

Responsible Party

Linda Foulsham

Director

Office of Equity, Diversity and Compliance

"---" indicates that no data was submitted for this field

Does the institution have an on-site child care facility, partner with a local facility, and/or provide subsidies or financial support to help meet the child care needs of students, faculty, and staff?:

Yes

A brief description of the child care program, policy, or practice:

The university operates two child care programs for the children of Appalachian faculty, staff and students - the Child Development Center and the Lucy Brock Child Development Center.

The website URL where information about the program, policy, or practice is available:

<http://childdevelopment.appstate.edu/pagesmith/2>

Employee Wellness Program

Responsible Party

Linda Foulsham

Director

Office of Equity, Diversity and Compliance

"---" indicates that no data was submitted for this field

Does the institution have an employee assistance or wellness program that provides counseling, referral, and well-being services to employees?:

Yes

A brief description of the employee wellness program, policy, or practice:

Counseling for Faculty and Staff (CFS) provides counseling, consultation, training and referrals for concerns that impact work. Most people use CFS because they have had difficulty solving a problem in their personal or work life and are looking for additional options and resources. Counseling for Faculty and Staff offers free, confidential counseling, workshops or referrals to faculty, staff and their immediate families. We offer consultation and training to managers and supervisors, program directors and department chairs.

The website URL where information about the program, policy, or practice is available:

<http://cfs.appstate.edu/>

Socially Responsible Retirement Plan

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Submission Note:

The North Carolina state retire plan, a statutory plan, does not give a socially responsible retirement plan option.

The Department of State Treasurer has governance and some of the funds they invest in are socially responsible. To find out what socially responsible funds are invested in, call the Dept. of State Treasurer.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Investment

This subcategory seeks to recognize institutions that make investment decisions that promote sustainability. Most institutions invest some of their assets in order to generate income. Together, colleges and universities invest hundreds of billions of dollars. Schools with transparent and democratic investment processes promote accountability and engagement by the campus and community. Furthermore, institutions can support sustainability by investing in companies and funds that, in addition to providing a strong rate of return, are committed to social and environmental responsibility. Investing in these industries also supports the development of sustainable products and services. Finally, campuses can engage with the businesses in which they are invested in order to promote sustainable practices.

Throughout this subcategory, the term “sustainable investment” is inclusive of socially responsible, environmentally responsible, ethical, impact, and mission-related investment.

Credit
Committee on Investor Responsibility
Shareholder Advocacy
Positive Sustainability Investments
Student-Managed Sustainable Investment Fund
Sustainable Investment Policy
Investment Disclosure

Committee on Investor Responsibility

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Criteria

Institution has a formally established and active CIR or similar body that makes recommendations to the Board of Trustees on socially and environmentally responsible investment opportunities across asset classes, including proxy voting. The body has multi-stakeholder representation, which means its membership includes faculty, staff, and students and may include alumni, trustees, and/or other parties.

Institutions for which investments are handled by the university system and/or a separate foundation of the institution should report on the investment policies and activities of those entities.

A general committee that oversees the institution's investments does not count for this credit unless social and environmental responsibility is an explicit part of its mission and/or agenda.

This credit applies to institutions with endowments of US \$1 million or larger. Institutions with endowments totaling less than US \$1 million may choose to omit this credit.

Submission Note:

In the Fall of 2012 a group of Appalachian student formed a student group called Fossil Free App State. Their stated mission is "We want Appalachian State University's Presidents and Board to immediately freeze any new investment in fossil fuel companies, and divest from direct ownership and any commingled funds that include fossil fuel public equities and corporate bonds within 5 years."

"---" indicates that no data was submitted for this field

Does the institution have a committee on investor responsibility or similar body that meets the criteria for this credit?:

Yes

The charter or mission statement of the CIR or other body, which reflects social and environmental concerns, or a brief description of how the CIR is tasked to address social and environmental concerns :

The multi-stakeholder Sustainable Investment Committee provides a university structure for fostering dialogue on investment decisions that promote sustainability. As a recommending body, this committee will assist in facilitating an investment strategy that aligns with the University's core values regarding the commitment to the principles of sustainability, while maintaining efficient and effective resource utilization.

Members of the CIR, including affiliations:

Ged Moody, Director of Sustainability

Rick Presnell, Interim Associate Vice Chancellor for Business Affairs

Greg Lovins, Interim Vice Chancellor for Business Affairs

David Valder, Student

Dr. Tammy Kowalczyk, Associate Professor of Accounting

Recent examples (within the past 3 years) of CIR actions:

This committee has created the Shareholder Advocacy Statement which can be sent to Appalachian's investment management partners to consider when investing the Endowment and Foundation accounts. This is an important statement to send to those responsible for investing Appalachian's money that shows how sustainable investments align with the campus values of sustainability.

The website URL where information about the committee is available:

Shareholder Advocacy

Responsible Party

Ged Moody
Directory
University Sustainability

Criteria

There are two possible approaches to earning this credit.

1) Institution filed or co-filed one or more shareholder resolutions that address sustainability or submitted one or more letters about social or environmental responsibility to a company in which it holds investments, during the previous three years.

and/or

2) Institution has conducted a negative screening of its entire investment pool within the last three years. This could take the form of prohibiting investment in an industry (e.g. tobacco or weapons manufacturing) or participating in a divestment effort (e.g. companies operating in South Africa during apartheid). The negative screen includes selling all but \$2,000 or less of the affected direct holdings and writing a letter to all fund managers encouraging them to remove affected holdings as well.

Institutions for which investments are handled by the university system and/or a separate foundation of the institution should report on the shareholder advocacy activities of those entities.

"---" indicates that no data was submitted for this field

Has the institution filed or co-filed one or more shareholder resolutions that address sustainability during the past three years?:

No

Has the institution submitted one or more letters about social or environmental responsibility to a company in which it holds investments during the previous three years?:

Yes

Has the institution conducted a negative screening of its entire investment pool within the last three years?:

No

A brief description of how the institution (or its foundation) has engaged in shareholder advocacy that promotes sustainability during the previous 3 years. :

We have formed a committee and created a letter to our investment management companies to inform them of our values that they may take the vales into account as they manage our funds. This letter was vetted by administration and internal investment management committees. The Office of Sustainability is working on a report co-developed by College of Business Masters of Business Administration

students on opportunities & mechanisms for sustainability-based investments.

The website URL where information about the negative screen, divestment effort, and/or direct engagement with companies in which the institution holds investments is available:

Positive Sustainability Investments

Criteria

Institution invests in any of the following:

- Sustainable industries, such as renewable energy or sustainable forestry
- Businesses selected for exemplary sustainability performances
- Sustainability investment funds, such as a renewable energy investment fund
- Community development financial institutions (CDFI)
- Socially responsible mutual funds with positive screens.

Investment in a socially responsible mutual fund with only negative screens (i.e. one that excludes egregious offenders or certain industries, such as tobacco or weapons manufacturing) does not count for this credit.

Institutions for which investments are handled by the university system and/or a separate foundation of the institution should report on the investment policies and activities of those entities.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Student-Managed Sustainable Investment Fund

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have a student-managed sustainable investment fund through which students are able to develop socially and/or environmentally responsible investment skills and experience with governance?:

No

A brief description of the student-managed sustainable investment fund:

The Elbert V. Bowden Student Managed Investment Fund was established in January 2000 in the Department of Finance, Banking and Insurance at Appalachian State University with the dual purpose of providing students with an opportunity to obtain hands-on investment experience and to provide funds to benefit the students and faculty in the Department. At this time, sustainability is not a focus.

The website URL where information about the fund is available:

<http://big.appstate.edu/>

Sustainable Investment Policy

Responsible Party

Ged Moody
Directory
University Sustainability

"---" indicates that no data was submitted for this field

Does the institution have a policy, practice or directive to consider the social and/or environmental impacts of investment decisions, in addition to financial considerations?:

Yes

A brief description of the sustainable investment policy:

The university developed a shareholder advocacy statement.

The website URL where information about the policy is available:

<http://sustain.appstate.edu/sites/default/files/Sustainable%20Investment%20Committee.pdf>

Investment Disclosure

Responsible Party

Ged Moody

Directory

University Sustainability

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Public Engagement

This subcategory seeks to recognize institutions that give back to their communities through community service, engagement, and partnerships. Volunteerism and the sense of compassion that community service helps develop are fundamental to achieving sustainability. From tutoring children to removing invasive species to volunteering at a food bank, students, faculty, and staff can make tangible contributions that address sustainability challenges through community service. Community engagement can help students develop leadership skills while deepening their understandings of practical, real-world problems. Institutions can contribute to their communities by harnessing their financial and academic resources to address community needs. For example, faculty research and courses can focus on how to address community problems. In addition, colleges and universities can offer incentives for their graduates to pursue careers that fill community needs, and schools can use their prominence to advocate for sustainability outside of their institutions.

Credit
Community Sustainability Partnerships
Inter-Campus Collaboration on Sustainability
Sustainability in Continuing Education
Community Service Participation
Community Service Hours
Sustainability Policy Advocacy
Trademark Licensing
Graduation Pledge
Community Service on Transcripts
Farmers' Market

Community Sustainability Partnerships

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Criteria

Institution has formal partnership(s) with the local community, including school districts, government agencies, non-profit organizations, or other entities, to work together to advance sustainability within the community.

"---" indicates that no data was submitted for this field

Does the institution participate in community sustainability partnerships that meet the criteria for this credit?:

Yes

A brief description of the institution's sustainability partnerships with the local community:

Boone Sustainable Development Task Force - The local town government has a sustainable development committee upon which the Sustainability Director has a seat.

Appalachian has more than 80 programs with a community outreach focus. From providing student volunteers to offering technical assistance on starting your own business, we are continually developing new ways to serve and partner with the community. The 12 programs specifically involved in the areas of sustainability and the environment are: Appalachian Regional Bureau of Government, Appalachian State University Energy Center, ASU Renewable Energy Initiative, ASU Sustainable Energy Society, ASU Trail Crew, Biodiesel Research and Education Projects, Blue Ridge Parkway Liason Program, Boone Bicycle Initiative, Research Institute for Environment, Energy, and Economics, Sustainable Development Outreach Program, Watauga Green Business Plan, and WNC Renewable Energy Initiative.

The website URL where information about sustainability partnerships is available:

<http://community.appstate.edu/programs-and-services-listing>

Inter-Campus Collaboration on Sustainability

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Criteria

Institution collaborates with other colleges and universities to support and help build the campus sustainability community.

"---" indicates that no data was submitted for this field

Does the institution collaborate with other colleges and universities to support and help build the campus sustainability community?:

Yes

A brief summary of papers, guides, presentations, and other resources the institution has developed to share their sustainability experience with other institutions:

Appalachian State University is hosting a UNC System-wide conference with Rocky Mountain Institute to begin conversations around transforming how the UNC System creates and uses energy. Conference July 2012.

Appalachian State University Sustainability Report published Jan 2011

AASHE 2010 Conference paper - Tales from Year One: Launching a Sustainability Office in Lean Times

AppState Collaborative Biodiesel Project is an EPA P3 award winner and its associated web site hosts the written grant and research associated with this ongoing study of biodiesel research. -

<http://www.biodiesel.appstate.edu/links.php>

ASU is part of a Google Site called Southeast Sustainability Network consisting of 20 higher education sustainability directors and/or sustainability staff. Conference calls occur once per month.

The names of local, state, regional, national, and other campus sustainability organizations or consortia in which the institution participates and/or is a member:

Appalachian State University is a member of the Carolina Recycling Association. This is an organization whose overall goal is "to promote waste reduction and source separation and recycling of marketable/recyclable materials in the solid waste stream." -

<http://nc.mycoville.com/cra/about-cra/mission-goals-core-values>

ASU is a member of the Coordinated Recycling Committee. This is a joint effort consisting of representatives from the Town of Boone, Watauga County, and ASU. The committee's mission statement is: "To coordinate recycling opportunities and educational outreach among the Town of Boone, Watauga County, and Appalachian State University." -

<http://offcampus.appstate.edu/pagesmith/66>

ASU is represented on the town of Boone's Sustainable Development Task Force. This group was formally formed on January 19, 2010. The director of the ASU Office of Sustainability, Mr. Ged Moody, currently fills the ASU faculty/staff seat on this task force. -

<http://www.townofboone.net/departments/admin/meet/archives/2010/MINUTES/20100119.pdf>

In 1997, ASU formalized its commitment to sustainability by signing the Talloires Declaration, created in 1990. The commitment is a ten-point action plan to assist colleges and universities with incorporating sustainability and environmental literacy into education and research, teaching, outreach, and operations. -

<http://sustain.appstate.edu/commitments>

Appalachian is committed to the AASHE STARS program as a means to assess our level of sustainability and foster valuable relationships across our university community.

Appalachian signed on as a member of the ACUPCC (American College and Universities Presidents' Climate Commitment) on Earth Day, April 22nd, 2008. -

<http://sustain.appstate.edu/about/guiding-commitments/climate-commitment>

A brief summary of additional ways the institution collaborates with other campuses to advance sustainability :

Southeast Sustainability Network (Google group that meets monthly on a conference call ~roughly 20 sustainability Directors)

Appalachian is working on a project in conjunction with the NC Solar Center at North Carolina State University, as well as two private partners, to produce around 2600 homes with improved efficiency standards. American and Recovery Reinvestment Act grant funding ~ \$2.55million.

Currently, two professors in Appalachian State University's Technology department are working with faculty at the University of North Carolina at Charlotte (UNCC) to analyze the impacts on indoor living conditions by the installation of energy conservation measures and if the conditions are found to be negative, what solutions could be applied.

Appalachian State University has received a \$250,000 grant from the U.S. Department of Education's U.S.-Brazil Higher Education Consortia Program to implement a four-year U.S.-Brazil Sustainability and Sustainable Development Education Initiative. Appalachian will implement the program in collaboration with Florida Agricultural and Mechanical University and Federal Rural University of Pernambuco, University of Fortaleza, and State University of Amazonas in Brazil.

"Appalachian State University has received a three-year, \$300,000 grant to enhance the capacity of a Mexican partner institution, Fundación Universidad de Las Américas Puebla (FUDLAP), with its renewable energy and energy efficiency educational programs and activities." "The project is funded by the U.S. Agency for International Development/Mexico through Higher Education for Development under the Training, Internships, Exchanges and Scholarships (TIES) Program."

The website URL where information about cross-campus collaboration is available:

Sustainability in Continuing Education

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Criteria

Part 1

Institution offers continuing education courses that are focused on or related to sustainability.

Courses that can be taken for academic credit are not included in this credit. They are covered by the *Curriculum* subcategory.

Part 2

Institution has a sustainability-related certificate program through its continuing education or extension department.

---" indicates that no data was submitted for this field

Does the institution offer continuing education courses that are focused on or related to sustainability?:

Yes

Number of sustainability continuing education courses offered :

4

Total number of continuing education courses offered:

12

Does the institution have a sustainability-related certificate program through its continuing education or extension department?:

No

A brief description of the certificate program:

Year the certificate program was created:

The website URL where information about sustainability in continuing education courses is available :

[STARS Reporting Tool | AASHE](#)

Community Service Participation

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Criteria

Institution engages its student body in community service, as measured by the percentage of students who participate in community service.

Institutions may exclude non-credit, continuing education, and/or part-time students from this credit.

"---" indicates that no data was submitted for this field

The number of students engaged in community service:

9,390

Total number of students, which may exclude part-time, continuing education and/or non-credit students:

14,923

The website URL where information about the institution's community service initiatives is available:

<http://act.appstate.edu/>

Community Service Hours

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Criteria

Institution engages students in community service, as measured by average hours contributed per full-time student per year.

Institutions may exclude non-credit, continuing education, and/or part-time students from this credit.

"---" indicates that no data was submitted for this field

The number of student community service hours contributed during a one-year period:

137,397

Total number of students, which may exclude part-time, continuing education and/or non-credit students:

14,923

The website URL where information about the institution's community service initiatives is available:

<http://act.appstate.edu/>

Responsible Party

Crystal Simmons

Outreach and public relations
Office of Sustainability

Criteria

Institution advocates for federal, state, or local public policies that support campus sustainability or that otherwise advance sustainability.

The policy advocacy must be done by the institution, not by students or a student group.

Submission Note:

*Info regarding Energy Code - The NC State Energy Office teamed with the NC Governor's Office, NC Department of Insurance, the NC chapter of the American Institute of Architects, Appalachian State University and Mathis Consulting to request a special project grant for energy code development. A special grant of \$500,000 was awarded by the US Department of Energy for the implementation of this project. Further goals of this project are to develop a mechanism to determine the level of code enforcement and identify the main problem area for code enforcement officials, building designers, and contractors. Provide training and technical assistance to improve compliance and enforcement of the energy code. Develop a system of "continuous improvement" in regard to code enforcement, and to serve as a model for other states in the Southeast and Mid-Atlantic Regions. In March, 2010 the NC Building Code Council accepted the proposed amendments to the code, with a public hearing on June 15th and final adoption slated for September 14, 2010.

*Additional information regarding four legislative actions:

- S.L. 2010-31. State Agencies and Institutions/Greater Energy Efficiency Reporting and Compliance

Summary: Budget provision 14.3 amends subsection (a) of GS 143 64.12 to add a requirement that each state agency and institution of higher learning must address in its management plan the findings or recommendations resulting from the energy audit required in subsection (b1) of the statute. Amends subsection (b1) of GS 143-64.12 to require the Department of Administration to consult with the State Energy Office in the development of energy audit procedures. Provides that these energy audits will serve as a preliminary energy survey and makes the State Energy Office responsible for system-level detailed surveys.

Adds new subsection (b2) requiring the Department of Administration to submit a report of the energy audit to the affected state agency or institution of higher learning and to the State Energy Office. Requires the State Energy Office to review each audit and, in consultation with the affected agency or institution, to incorporate the audit findings and recommendations into the management plan.

Adds new subsection (j) requiring the State Energy Office to submit a report by December 1 of each year to the Joint Legislative Commission on Governmental Operations describing the comprehensive program to manage energy, water, and other utility use for state agencies and institutions of higher learning required by subsection (a). Further requires the report to contain:

- 1)Comprehensive overview of how agencies and institutions are managing energy, water and other utility uses.
- 2)Any new measures taken to achieve greater efficiency gains
- 3)Summary of all management plans
- 4)List of agencies and institutions not submitting plans and a list of those receiving energy audits
- 5)Recommendations on how management plans can be improved.

- S.L. 2010-167. Renewable Energy Incentives

Summary: Extend and modifies various tax credits for renewable energy purchases and businesses. Amends GS 143-341(3) (pertaining to the Department of Administration's powers and duties) to require the Department to provide written allocation of the federal deduction for designing energy efficient commercial building property installed on or in state-owned property.

- S.L. 2010-180. Amend Environmental Laws 2010

Summary: All universities are required to develop a program in conjunction with the NC Department of Environment and Natural Resources to collect and recycle all spent fluorescent lights and thermostats that contain mercury, including those in buildings to be demolished. The program shall include procedures for convenient collection, safe storage, and proper recycling of spent fluorescent lights and thermostats that contain mercury and contractual or other arrangements with buyers of the recyclable materials. Requires the campuses to report to the NC DENR by December 1, 2011 on compliance with this requirement.

- S.L. 2010-196. University Energy Savings/LEA Operational Leases

Summary: Permits universities to carry forward to the next fiscal year any utilities savings realized as a result of implementation of an energy conservation measure. At least 60 percent must be used for new energy savings measures, but campuses may use 100 percent of the carry forward on new energy projects. The funds must be used on one-time capital and operating expenditures that will not impose additional financial obligations on the state. Each campus energy management plan submitted annually to the NC Department of Commerce shall include:

- (1) Estimates of all costs associated with implementing energy conservation measures, including pre-installation and post-installation costs.
- (2) The cost of analyzing the projected energy savings.
- (3) Design costs, engineering costs, pre-installation costs, post-installation costs, debt service, and any costs for converting to an alternative energy source.
- (4) An analysis that identifies projected annual energy savings and estimated payback periods.

"---" indicates that no data was submitted for this field

Has the institution advocated for federal, state, and/or local public policies that support campus sustainability or that otherwise advance sustainability?:

Yes

A brief description of how the institution engages in public policy advocacy for sustainability, including the issues, bills, and ordinances for or against which the institution has advocated:

Appalachian State University is involved in a project to develop a 2012 North Carolina Energy Code that is 30% more energy efficient than the currently used 2006 International Energy Conservation Code.

Below are four specific legislative actions that the University supported during this past legislative session, 2010.

1. S.L. 2010-31. State Agencies and Institutions/Greater Energy Efficiency Reporting and Compliance
2. S.L. 2010-167. Renewable Energy Incentives
3. S.L. 2010-180. Amend Environmental Laws 2010
4. S.L. 2010-196. University Energy Savings/LEA Operational Leases

The website URL where information about the institution's advocacy efforts are available:

Trademark Licensing

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Criteria

Part 1

Institution is a member of the Fair Labor Association or Worker Rights Consortium.

Part 2

Institution has signed on to participate in the Designated Suppliers Program.

"---" indicates that no data was submitted for this field

Is the institution a member of the Worker Rights Consortium?:

No

Is the institution a member of the Fair Labor Association? :

Yes

Has the institution expressed intention to participate in the Designated Suppliers Program? :

No

The website URL where information about the institution's participation in the WRC, FLA, and/or DSP is available:

<http://licensing.appstate.edu/licensing-resource-group-llc>

Graduation Pledge

Responsible Party

Crystal Simmons

Outreach and public relations
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution administer a graduation pledge through which students pledge to consider social and environmental responsibility in future job and other decisions?:

Yes

A brief description of the graduation pledge program:

The Appalachian State Graduation Pledge is a voluntary commitment by our graduating students as part of the Graduation Pledge Alliance headquartered at Bentley College. It reads as follows, "I pledge to explore and take into account the social and environmental consequences, and the civic and community responsibilities, of any job or career I consider and will try to improve these aspects of any organizations for which I work."

The website URL where information about the graduation pledge program is available:

<http://act.appstate.edu/graduationpledge>

Community Service on Transcripts

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution include community service achievements on student transcripts?:

Yes

A brief description of the practice:

Involvement in ACT can be recorded on the Co-Curricular Transcript (SDR). The program is a comprehensive attempt to provide data and information regarding student involvement in co-curricular and related non-classroom activities. The SDR program is under the direction of the Lee H. McCaskey Center for Student Involvement and Leadership (CSIL). The SDR was developed to provide statistical information regarding student involvement, provide useful services to student organizations, and provide students with a chronology of their involvement.

The website URL where information about the practice is available:

<http://csil.appstate.edu/index.php?module=pagesmith&id=4>

Farmers' Market

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution host a farmers' market for the community?:

Yes

A brief description of the farmers' market:

The annual High Country Local Food Summit covers education, collaboration, and inspiration addressing the key issues of economy, ecology, and equity within our local food system defined during last years' Summit.

The website URL where information about the market is available:

<http://susdev.appstate.edu/2010-high-country-local-food-summit>

Innovation

Innovation

These credits recognize institutions that are seeking innovative solutions to sustainability challenges and demonstrating sustainability leadership in ways that are not otherwise captured by STARS.

Credit
Innovation 1
Innovation 2
Innovation 3
Innovation 4

Innovation 1

Responsible Party

Jim Dees

Data and Assessment Specialist
Office of Sustainability

Criteria

- 1) Innovation credits are reserved for new, extraordinary, unique, groundbreaking, or uncommon outcomes, policies, and practices that greatly exceed the highest criterion of an existing STARS credit or are not covered by an existing STARS credit.
 - 2) In general, innovation credits should have roughly similar impacts or be on the same scale as Tier One credits.
 - 3) The innovative practice, policy, program, or outcome should have occurred within the past three years.
 - 4) The innovative practice or program has to be something that the institution has already done; planned activities do not count.
 - 5) An institution can only claim a particular activity as an innovation credit once. When re-submitting for a STARS rating, an innovation credit that the institution submitted previously cannot be re-submitted.
 - 6) Practices, policies, and programs that were once considered innovative but are now widely adopted (e.g. being the first institution to enact a policy 20 years ago that is now common) may not be claimed as innovation credits.
 - 7) Multiple activities or practices whose sum is innovative can be considered for an innovation credit as long as those activities or practices are related. For example, three innovative waste reduction programs in research laboratories could be listed together under a single innovation credit for Greening Laboratories. Listing a series of unrelated accomplishments or events under a single innovation credit is not accepted.
 - 8) While the practices that led to receiving an award may be appropriate for an innovation credit, winning awards and/or high sustainability rankings in other assessments is not, in and of itself, grounds for an innovation credit.
 - 9) Outcomes, policies, and practices that are innovative for the institution's region or school type are eligible for innovation credits.
 - 10) When the innovation is part of a partnership, the summary provided must clearly describe the institution's role in the innovation.
-

"---" indicates that no data was submitted for this field

A brief description of the innovative policy, practice, program, or outcome :

A student group funds and installs the largest operational wind turbine in North Carolina

In June of 2009, a group of 7 students, along with faculty and staff advisors, completed a project that is North Carolina's largest operational wind turbine installation. This unique project was conceived, managed and in part funded (60%) by students. The successful completion of this \$500,000 project was a collaboration between students, faculty, staff, administration and the University-owned utility, New River Light and Power Co, who subsequently funded the remaining 40%, along with a Class of 2009 Senior gift donation.

The student group responsible for this project is called the Appalachian State University Renewable Energy Initiative (ASUREI). The ASUREI is a group of students whose mission is to reduce the university's dependence on fossil energy and serve as an educational outreach component for renewable energy.

Called the Broyhill Wind Project, this project raised the profile of the university to show our dedication to sustainable energy technologies. Our students are graduating from a university that is proactively leading the charge to meet the demands for sustainable solutions to energy. The wind data from this project is available to all classes for analysis and research.

The Broyhill Wind Project serves the State as a public educational tool through tours and presentations. One important outcome the installation of this turbine has been, and continues to be, its effect on the public debate of wind energy in Western North Carolina. Being the largest installation in the state, this turbine was selected because it mirrors a modern, utility scale machine. (It is a mono-pole, upwind, three-bladed machine.) The public now has a local installation to visit in order to experientially inform how wind turbines sound, look and perform crystallizing perceptions of wind energy in Western North Carolina.

Part of the success story behind the Broyhill Wind Project is the process by which the students executed the project. The student team sought the buy-in of the surrounding community and involved the community in open and clear dialogue about the project. The utmost due diligence was done to ensure understandable implications for the community.

This machine is a 100kW machine standing 153 feet tall. It produces approximately enough energy for 15 average southeastern US homes for one year.

The ASUREI is entirely student funded. The annual operating budget is approximately \$150,000. To date, the ASUREI has completed 8 projects on campus, including 4 photovoltaic arrays, one commercial solar thermal system and the Broyhill Wind Project.

A letter of affirmation from an individual with relevant expertise:

[2011 Wind TurbineLOA_Innovation.pdf](#)

The website URL where information about the innovation is available :

<http://rei.appstate.edu/>

Responsible Party

Lee Ball
Faculty
Technology

Criteria

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-

"---" indicates that no data was submitted for this field

A brief description of the innovative policy, practice, program, or outcome:

DAISEE - A mobile renewable energy and energy efficient building

In 2008, a group of students and faculty completed construction on a mobile sustainable energy and building education miniature house. This is featured at conferences, workshops and festivals. DAISEE, Driving Appropriate Innovative Sustainable Energy Education, is a model house exemplifying the latest green building techniques and renewable energy technology. The house features a working wind turbine, photovoltaic panels and a solar thermal system.

DAISEE serves as an educational outreach tool to other students and surrounding community members. DAISEE represents a hands-on approach for students, builders, contractors and interested parties to understand the concepts of renewable energy and energy efficient building through a hands-on approach.

DAISEE makes regular appearances to music festivals, usually powering a 'renewable energy stage' through energy generated by the PV and wind turbine. To date, DAISEE has been seen by approximately 100,000 people through conferences, festivals and symposiums.

A letter of affirmation from an individual with relevant expertise:

[2011 DAISEE LOA.pdf](#)

The website URL where information about the innovation is available:

Responsible Party

Art Kessler

Director of Food Services

Food Services

Criteria

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-

"---" indicates that no data was submitted for this field

A brief description of the innovative policy, practice, program, or outcome:

Appalachian State University's Local Food Initiative

Appalachian State University has identified local and sustainable food operations to be important player in fulfilling the Strategic Plan of the university and an opportunity largely untapped. This exciting endeavor, called for by our students and championed by our university leaders, seeks to create a local and sustainable food system serving the regional economy and offering healthy and sustainably grown food to our community of students, faculty and staff.

Appalachian Food Services is locally owned and operated by Appalachian State University. As such, we are better positioned to make key decisions to fulfill our goal of a local and sustainable food system. This long-term pursuit requires the input and participation from many different regional stakeholders. Being independently owned, the supply chain is smaller, thus enabling smaller round table discussions and easier decision-making.

This partnership bridges campus operations with the university's mission to educate, engaging students, faculty and staff. An ongoing project in progress, local and sustainably produced food products into campus dining facilities meets the goal of improving the campus food system and providing fresh, healthy for people and the planet food options.

Through this initiative, Appalachian Food Services is choosing to do business with operations that are environmental stewards, socially responsible and productive members of the local economy, creating resiliency within the surrounding food system.

This food initiative is steered by an innovative partnership between Appalachian Food Services, the Office of Sustainability, and Sustainable Development academic program.

A letter of affirmation from an individual with relevant expertise:

[2011 Food LOA.pdf](#)

The website URL where information about the innovation is available:

<http://www.foodservices.appstate.edu/about/sustainability>

Responsible Party

Rich Campbell
Associate Director
Outdoor Programs

Criteria

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-

Submission Note:

Appalachian Today, 'Alternative Fall Break trips strive for carbon neutrality' URL:

<http://today.appstate.edu/alternative-fall-break/>

The Appalachian, 'ASB goes carbon neutral,' URL:

<http://theappalachianonline.com/campus/7091-asb-goes-carbon-neutral>

Related links:

"---" indicates that no data was submitted for this field

A brief description of the innovative policy, practice, program, or outcome:

Given the immense potential for a large environmental footprint from educational programs that include travel and our university's commitment to sustainability, Appalachian's Outdoor Programs and the Appalachian and the Community Together (ACT) have created carbon neutrality programs for student expeditions.

Student Outdoor Learning Expeditions (SOLEs), which are led by Outdoor Programs, and Alternative Fall and Spring Break trips, which are organized through ACT, work to offset carbon emissions from all activities associated with the trip, not just travel. The carbon calculator takes into account all emissions from group travel and related activities such as meals, accommodations, and activities like sea kayaking or hiking. As an educational tool, the calculator is designed to quantify carbon emissions and offer methods for offset. Offsetting emissions has become business as usual, just like paying for food, lodging, etc.

Appalachian seeks to educate students about the environmental impacts of traveling. Students are encouraged to develop and implement solutions to minimize or offset those impacts and educate others. Program leaders use this tool to create awareness, to offer alternatives to carbon emitting activities, and to provide a sustainability component to the learning outcomes of their trip.

Planting trees locally is one way that the program helps to offset carbon emissions, furthering the educational value, and benefiting the community. Trees were planted Elk Knob State Park, working in coordination with the park officials to identify the most appropriate tree species for the climate zone and for offsetting. Trees benefit the region's air quality and hold aesthetic value to our community.

Carbon neutral student trips are an initiative of the Office of International Education and Development, Departments of Recreation Management and Interdisciplinary Studies, Appalachian and the Community Together, a division of Student Programs and the Office of Sustainability.

A letter of affirmation from an individual with relevant expertise:

[2011 Carbon Neutral Trips.pdf](#)

The website URL where information about the innovation is available:

<http://sustain.appstate.edu/initiatives/campus-initiatives/travel-carbon-calculator>

Supplemental

Supplemental Data

The supplemental section includes reporting fields that are not part of STARS, but that have been requested by campus survey organizations (the Sustainable Endowments Institute, The Princeton Review, and Sierra magazine). Institutions that wish to share their data with one or more of these organizations should complete the fields in full or contact the relevant organization(s) for guidance regarding minimum reporting requirements.

Credit
New Student Orientation
Food Education
Food and Beverage Purchases
Confinement-Free Food Purchases
Vegetarian-Fed Food Purchases
Hormone-Free Food Purchases
Seafood Purchases
Dishware
Energy Initiatives
Energy Use by Type
Procurement
Bike Sharing
Water Initiatives
Endowment
Sustainability Staffing

New Student Orientation

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Criteria

Institution provides details about how it incorporates sustainability into new student orientation.

"---" indicates that no data was submitted for this field

Does new student orientation include presentations, speakers, or skits that address sustainability and take place in large venues that most or all first-year students attend?:

Yes

Provide a brief description of the presentations, speakers or skits:

The Office of Sustainability has a presentation table at Open House that first-year students attend. We disseminate information about campus sustainability that includes academic offerings and campus operations.

Does new student orientation incorporate sustainability information into presentations (e.g., made by Residential Advisors to individual dorm floors)?:

Yes

Provide a brief description of the presentations:

Beginning in Summer 2011, all Resident Advisors and Resident Directors take a sustainability training and quiz. A staff member from the Office of Sustainability holds an informative training session for the new student orientation leaders.

Does new student orientation actively engage students in activities that raise awareness about sustainability, highlight how sustainability plays out on campus, or allows students to take part in a productive green activity?:

Yes

Provide a brief description of the activities:

The second floor of Frank Hall, a recently renovated LEED Gold certified residence hall, houses the Living Green Residential Learning Community. This community engages in sustainability-based activities during new student orientation and throughout the year. They engage in programming that focuses around a community-agreed upon theme for the year and participate in activities related to that theme. All first-year students are eligible to apply.

Does the institution make new student orientation more sustainable via efforts such as a zero-waste meal or carbon offsets?:

No

Provide a brief description of the efforts:

Does the institution incorporate sustainability into new student orientation in other ways?:

Yes

Provide a brief description:

Admissions hosts groups of new and prospective students and parents on campus tours frequently all throughout the year. These tours are led by a group of student leaders called Appalachian Ambassadors. Each year, a staff member from the Office of Sustainability gives a presentation to this group of esteemed students educating them about campus sustainability for the purposes of the tour.

Food Education

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Criteria

Institution provides education about eco-positive food and gardening techniques.

"---" indicates that no data was submitted for this field

Are students educated in an academic class about how to make eco-positive food choices?:

Yes

Provide a brief description:

The Sustainable Development department, in many course offerings, teaches students about food choices and the implications therein.

Are students educated in dining facilities about how to make eco-positive food choices?:

Yes

Provide a brief description:

Our dining facilities have signage about ongoing sustainability initiatives as they relate to food and special events. We identify local food items by an 'Always Local' decal.

Are students educated during orientation about how to make eco-positive food choices?:

No

Provide a brief description:

Are students educated in other venues about how to make eco-positive food choices?:

Yes

Provide a brief description:

The university sustainability website provides information about local and sustainable food choices.

Is there a program by which students are encouraged to and/or taught how to grow their own food?:

Yes

Provide a brief description of the program:

Through the Sustainable Development department, there is a opportunity to participate in an on-campus garden program. It is called the Edible Schoolyard and is available for students, faculty and staff to use. The premise is that the campus community can 'rent' a plot for free and grow vegetables, fruit and/or flowers in their plot. The food is theirs to keep and/or share.

Food and Beverage Purchases

Responsible Party

Heather Brandon

Food Services Specialist

Food Services

Criteria

Institution provides details of its food and beverage purchases.

Submission Note:

Due to our location in the mountains of NC, a 100 mile radius is challenging. Growing seasons are shorter, resulting in less product availability. This radius also eliminates the many farms across the state of NC from which we regularly purchase produce. The same applies to food items processed within NC. Our institution definition of local adheres to AASHE's standard of 250 miles, and the percentage of food grown and processed within this definition is 10%.

"---" indicates that no data was submitted for this field

The percentage of food and beverage expenditures that were processed within 100 miles of the institution by a company that is not publicly traded:

2.66

The percentage of food and beverage expenditures that were grown within 100 miles of the institution:

1.82

List what tool your institution is using to track this information (e.g. Center for Environmental Farming Systems or CBORD):

Internally-developed spreadsheets

List items procured for dining services from on-campus organic garden(s):

Spinach, garlic, and Sausage. These purchases total less than 1%.

The percentage of total food and beverage expenditures spent by dining services to procure items from on-campus organic garden(s):

1

List all Fair Trade certified items purchased:

Confinement-Free Food Purchases

Responsible Party

Heather Brandon

Food Services Specialist

Food Services

Criteria

Institution provides details of its confinement-free animal product purchases.

"---" indicates that no data was submitted for this field

Type of cage-free / free-range eggs purchased:

Egglands Best

Percentage purchased:

4

Comments:

This percentage is of total whole eggs purchased

Type of confinement-free product purchased (1st product):

House of Raeford Turkey Burgers

Percentage purchased (1st product):

100

Comments (1st product):

Percentage of turkey burgers purchased

Type of confinement-free product purchased (2nd product):

House of Raeford Whole Chickens

Percentage purchased (2nd product):

18

Comments (2nd product):

Percentage of whole chicken purchases

Type of confinement-free product purchased (3rd product):

North Fork Farms ground beef

Percentage purchased (3rd product):

2

Comments (3rd product):

Percentage of total ground beef purchases

Type of confinement-free product purchased (4th product):

Percentage purchased (4th product):

Comments (4th product):

Vegetarian-Fed Food Purchases

Responsible Party

Heather Brandon

Food Services Specialist

Food Services

Criteria

Institution provides details of its vegetarian-fed animal product purchases.

"---" indicates that no data was submitted for this field

Type of vegetarian-fed product purchased (1st product):

House of Raeford Turkey Burgers

Percentage purchased (1st product):

100

Comments (1st product):

This percentage is of total turkey burgers purchased

Type of vegetarian-fed product purchased (2nd product):

House of Raeford Whole Chickens

Percentage purchased (2nd product):

18

Comments (2nd product):

Percentage of whole chickens purchased

Type of vegetarian-fed product purchased (3rd product):

Percentage purchased (3rd product):

Comments (3rd product):

Type of vegetarian-fed product purchased (4th product):

Percentage purchased (4th product):

Comments (4th product):

Type of vegetarian-fed product purchased (5th product):

Percentage purchased (5th product):

Comments (5th product):

Hormone-Free Food Purchases

Responsible Party

Heather Brandon

Food Services Specialist

Food Services

Criteria

Institution provides details of its hormone-free animal product purchases.

"---" indicates that no data was submitted for this field

Type of hormone-free product purchased (1st product):

House of Raeford Turkey Burgers

Percentage purchased (1st product):

100

Comments (1st product):

This percentage is of total turkey burgers purchased

Type of hormone-free product purchased (2nd product):

House of Raeford Whole Chickens

Percentage purchased (2nd product):

18

Comments (2nd product):

Percentage of whole chickens purchased

Type of hormone-free product purchased (3rd product):

North Fork Farms ground beef

Percentage purchased (3rd product):

2

Comments (3rd product):

Percentage of ground beef purchases

Type of hormone-free product purchased (4th product):

Tyson frozen chickens quarters

Percentage purchased (4th product):

100

Comments (4th product):

percentage of frozen chicken quarter purchases

Type of hormone-free product purchased (5th product):

Tyson prepared chicken products

Percentage purchased (5th product):

38

Comments (5th product):

percentage of prepared chicken products

Seafood Purchases

Responsible Party

Heather Brandon

Food Services Specialist

Food Services

Criteria

Institution provides details of seafood products purchased that meet Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines.

"---" indicates that no data was submitted for this field

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (1st product):

Tilapia (US-farmed)

Percentage purchased (1st product):

4

Standard used (1st product):

Monterey Bay Aquarium Seafood Watch

Comments (1st product):

Percentage of seafood purchases

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (2nd product):

Catfish (US-farmed)

Percentage purchased (2nd product):

4

Standard used (2nd product):

Monterey Bay Aquarium Seafood Watch

Comments (2nd product):

Percentage of seafood purchases

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (3rd product):

Rainbow Trout (US-farmed)

Percentage purchased (3rd product):

1

Standard used (3rd product):

Monterey Bay Aquarium Seafood Watch

Comments (3rd product):

Percentage of seafood purchases

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (4th product):

Percentage purchased (4th product):

Standard used (4th product):

Comments (4th product):

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (5th product):

Percentage purchased (5th product):

Standard used (5th product):

Comments (5th product):

Dishware

Responsible Party

Heather Brandon

Food Services Specialist

Food Services

Criteria

Institution provides details of the dishware its provides at its dining services locations.

Submission Note:

*Appalachian is currently piloting a reusable clam shell product to a subset of test-market community members.

"---" indicates that no data was submitted for this field

Does the institution offer reusable dishware at its dining services locations?:

Yes

Does the institution offer plastic dishware at its dining services locations?:

Yes

Does the institution offer polystyrene (Styrofoam) dishware at its dining services locations?:

Yes

Does the institution offer post-consumer recycled content dishware at its dining services locations?:

Yes

Does the institution offer biodegradable / compostable dishware at its dining services locations?:

Yes

Does the institution offer other types of dishware at its dining services locations?:

Yes

Provide a brief description.:

Paper

Responsible Party

Jerry Marshall
Energy Manager
Physical Plant Administration

Criteria

Institution provides details about its energy initiatives.

Submission Note:

*These calculations are based on 16.6% reduction in energy usage per square foot achieved by renovating/retrofitting 35% of Gross Square foot (GSF).

*In recent years we have added approximately 10% to the university's gross square footage.

"---" indicates that no data was submitted for this field

The percentage of total building space square footage that has undergone energy retrofits or renovations within the past three years:

35

The percentage of overall energy consumption reduced as a result of retrofits and renovations completed within the past three years:

31.60

The percentage of electricity consumption reduced as a result of retrofits and renovations completed within the past three years:

14.50

The percentage of thermal energy consumption reduced as a result of retrofits and renovations completed within the past three years:

17.10

The combined gross square footage of all buildings that were constructed or underwent renovations in the past three years that are ENERGY STAR labeled:

0

The names of all buildings that were constructed or underwent renovations in the past three years that are ENERGY

STAR labeled:

The combined gross square footage of all buildings that are ENERGY STAR labeled:

0

The names of all buildings that are ENERGY STAR labeled:

Energy Use by Type

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Criteria

Institution reports its energy use by type.

"---" indicates that no data was submitted for this field

The percentage of total electricity use from coal.:

38

The percentage of total electricity use from wind.:

The percentage of total electricity use from biomass.:

The percentage of total electricity use from natural gas.:

4

The percentage of total electricity use from solar PV.:

The percentage of total electricity use from geothermal.:

The percentage of total electricity use from nuclear.:

52

The percentage of total electricity use from hydro.:

6

The percentage of total electricity use from other.:

Provide a brief description.:

Appalachian is a leader in renewable energy installations. Portfolio includes 8 photovoltaic arrays, 7 solar thermal (5 are commercial), largest wind turbine in North Carolina. In 2011, 3-pv & 3 solar thermal came online.

The percentage of total energy used for heating buildings from coal.:

The percentage of total energy used for heating buildings from biomass.:

The percentage of total energy used for heating buildings from electricity.:

0.07

The percentage of total energy used for heating buildings from natural gas.:

99

The percentage of total energy used for heating buildings from geothermal.:

The percentage of total energy used for heating buildings from fuel oil.:

The percentage of total energy used for heating buildings from other.:

0.03

Provide a brief description.:

Appalachian relies nearly 100 percent on natural gas to heat bldgs on a 3-mile central steam loop around campus.

If cogeneration, please explain.:

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Criteria

Institution provides details about its procurement efforts.

Submission Note:

*Residential housing is the strongest representation of the types of appliances the university purchases. Within the residence halls, ALL of the washing machines are Energy Star-rated with most of our micro-fridge units being Energy Star-rated. There is currently university policy that all new appliances shall be Energy Star-rated.

*Appalachian State University and the State of North Carolina have many sustainable purchasing policies. Included categories are: paper, appliances cleaning products, fertilizers, pesticides, biodiesel, ethanol, local preference, packaging material, toner, hazardous chemicals, HVAC equipment, recycled content, and food.

*Appalachian State University purchases 30% recycled content for all central warehouse purchasing.

*State contracts that delineate recycled products -
<http://www.pandc.nc.gov/recycled.asp>

*All of Appalachian's paper purchases through central purchasing are Sustainable Forestry Initiative (SFI) certified.

"---" indicates that no data was submitted for this field

The percentage of institutionally purchased appliances that are ENERGY STAR rated (of eligible appliance categories):

86

Does the institution have a policy to purchase ENERGY STAR appliances whenever possible?:

Yes

The percentage of expenditures on Forest Stewardship Council (FSC) certified office paper (US/Canadian dollars) :

0

Does the institution's vendor code or policy require vendors to use less packaging?:

Yes

Bike Sharing

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Criteria

Institution reports the number of bicycles available through bike sharing programs.

Submission Note:

This is a student-managed initiative acquiring its' start through a grant from the US EPA Prosperity, People and the Planet (P3) award.

"---" indicates that no data was submitted for this field

The number of bicycles available through bike sharing programs:

12

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Criteria

Institution provides details about its water initiatives.

Submission Note:

*Appalachian's drinking water is purified rainwater captured in a nearby valley. Appalachian has installed 15 water bottle refilling stations across campus in an effort to provide filtered water to the campus and cut down on purchased bottled water.

*Appalachian's vending machine contract is with Pepsi. Our current contract limits our ability to ban bottled water on campus. However, we are working with Pepsi to place additional bottle recycling containers on campus to capture plastic water bottles from entering the landfill.

*Appalachian ONLY irrigates 1 soccer field and 2 softball fields. During drought conditions, irrigation is eliminated/reduced. Additionally, we use 98 - 100% native plant species in order to emulate the natural environment.

"---" indicates that no data was submitted for this field

Is there is a ban or restriction on selling or distributing bottled water on campus? :

No

Provide a brief description of any bottled water ban or restriction :

*See notes below.

Does the institution meter any of its non-potable water usage? :

No

The percentage of urinals on campus that are waterless :

0

Endowment

Responsible Party

Ged Moody
Directory
University Sustainability

Criteria

Institution provides details about its endowment.

"---" indicates that no data was submitted for this field

The institution's total endowment market value as of the close of the most recent fiscal year:

76,000,000 US/Canadian \$

Date as of:

March 1, 2012

Does the institution offer donors the option of directing gifts to an investment fund that considers environmental/sustainability factors?:

No

If yes, or if currently under consideration, provide a brief description:

Has the institution made investments in on-campus energy and/or water efficiency projects through the endowment (as an endowment investment and not a payout or using operating budget funds):

Yes

Size of capital commitments made within past 3 years:

250,000 US/Canadian \$

Provide a brief description:

Invested in on-campus renewable energy generation

Does institution lack the ability to vote proxies on environmental and social resolutions, as the entire equity holdings of the endowment are invested in mutual funds (e.g. CommonFund, Fidelity, Vanguard)?:

No

Does the institution lack the ability to vote proxies on corporate governance resolutions, as the entire equity holdings of the endowment are invested in mutual funds (e.g. CommonFund, Fidelity, Vanguard)?:

No

Do investment managers handle the details of proxy voting on environmental and social resolutions?:

No

Do investment managers handle the details of proxy voting on corporate governance resolutions?:

No

Are investment managers provided with general guidelines that determine proxy votes on environmental and social resolutions?:

Yes

Are investment managers provided with general guidelines that determine proxy votes on corporate governance resolutions?:

Yes

Are investment managers provided with specific guidelines that determine proxy votes on environmental and social resolutions?:

No

Are investment managers provided with specific guidelines that determine proxy votes on corporate governance resolutions?:

No

Does a single administrator determine proxy votes on environmental and social resolutions?:

No

Does a single administrator determines proxy votes on corporate governance resolutions?:

No

Does a committee of administrators and/or trustees deliberate and make decisions on proxy votes on environmental and social resolutions?:

Yes

Does a committee of administrators and/or trustees deliberate and make decisions on proxy votes on corporate governance resolutions?:

Yes

Does a committee that includes student representatives deliberate and make recommendations or decisions on proxy

votes on environmental and social resolutions?:

No

Does a committee that includes student representatives deliberate and make recommendations or decisions on proxy votes on corporate governance resolutions?:

No

Is institution community feedback incorporated into proxy voting decisions on environmental and social resolutions through town hall meetings or a website?:

No

Is institution community feedback incorporated into proxy voting decisions on corporate governance resolutions through town hall meetings or a website?:

Yes

Sustainability Staffing

Responsible Party

Crystal Simmons

Outreach and public relations

Office of Sustainability

Criteria

Institution reports the amount of weekly time worked by people employed in the sustainability office, if applicable (in full-time equivalent).

Submission Note:

FTE staff on payroll broadened out to include staff campus-wide from all areas of the university, not just the Office of Sustainability, Appalachian has 43 sustainability staff. The units that employ sustainability staff, including researchers, are the Physical Plant, Housekeeping, the ASU Energy Center, the Research Institute of Energy, Environment and Economics, and Food Services.

"---" indicates that no data was submitted for this field

The amount of weekly time worked by people employed in the sustainability office (in full-time equivalent) :

210

FTE staff on payroll:

43.50

FTE student intern/fellow:

17.88