



Georgia Institute of Technology

The following information was submitted through the [STARS Reporting Tool](#) to be shared with Sierra magazine for consideration in their Cool Schools publication.

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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.

From the institution:

Georgia Tech recognizes the importance of experiential learning in addition to traditional academic learning.

An event as seemingly simple as "Tech Beautification Day" may end up with two students who didn't already know each other discovering a bond or common interest as they plant a tree.

Participating in our inventing competition "Inventure Prize", "Business Plan Competition," or "IdeasToSERVE" competition has changed lives of our students, including those who decide to pursue their ideas fulltime after earning their degree instead of settling into a corporate job or a graduate program.

As you may already know, Georgia Tech is internationally renowned for having students ready to contribute immediately to an organization's success due in large part to the practical learning experience they receive here. As we prepare to celebrate our centennial anniversary of the nationally accredited Cooperative Education program in 2012, it is important to remember that here at Tech, what we do is all about the student.

<https://www.gatech.edu/president/content/creating-environment-fosters-innovation>

<http://www.gatech.edu/about/campuslife.html>

<http://www.coop100.gatech.edu/index.html>

Credit
Student Sustainability Educators Program
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Sustainability Outreach and Publications
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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

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

20941

Program name (1st program) :

Earth Day and Think Green Week

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

20941

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

From research to grand challenges, documentary films to exercise, the Think Green Week is a week of free events to increase awareness and educate our community about living green, for the entire campus community to enjoy.

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

Student volunteers spend an hour a week for approximately 6 months planning the Earth Day event on campus, along with Think Green (a week of events preceding Earth Day). Education and awareness are featured and cover a broad range of topics from social entrepreneurship to eco-art to bike repair to movies and concerts. Planning Committee has 12-20 members. Earth Day volunteers number 100-200. Advertisements appear multiple times in the student newspaper and Earth Day/ Think Green Week events are promoted on screens and bulletin boards across campus.

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

Students learn the processes associated with budgets, marketing, leadership. Students also learn about environmental impact of thousands of visitors in a day from waste generated via boxes, food, handouts, Tshirts, etc to researching environmentally manufactured and printed Tshirts to Office Surplus recycling programs to clothing recycling.

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

University's Recycling Department commits 2 people while other campus departments such as Facilities, Communications & Marketing, and Event Management contribute participants to this weekly meetings for 6 months plus giving them additional time for the programs just before their event days, the day of the events, and for follow-up after the events. Program has a budget of approximately \$20K. All students, faculty and staff are encouraged to volunteer and participate in Think Green Week and Earth Day programs.

The website URL for 1st Program :

<http://www.earthday.gatech.edu/>

Program name (2nd program) :

Earth Hour

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

20941

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

Earth Hour celebrations are student events centered around educating students to turn off their lights and unplug their electricity-using-appliances as symbols of reducing their carbon footprint.

In this way they are joining people around the world in both a symbolic and visible education and awareness event to reduce nonrenewable energy sources.

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

Earth Hour celebrations were driven by staff for 2 years, then the program transitioned to students to lead. The Student Government Association used its budget and student volunteers to mold the Earth Hour celebration to more of a student focus and greater student engagement.

All students are welcome to volunteer and participate. Estimates are that 1000 students participate in the campus Earth Hour event.

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

Student Government Officers educate student volunteers involved in this program.

Education is tailored to the specific program each volunteer student is working on.

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

Student Government Officers oversee the planning, budget, and marketing of this program.

The website URL for 2nd program :

<http://www.gatech.edu/newsroom/release.html?nid=55379>

Program name (3rd program) :

Game Day Recycling

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

20941

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

Students visit with tailgaters, handing out blue recycling bags and discussing both recycling on campus and other sustainability initiatives on campus to raise awareness among the students, tailgaters, and community.

Signage and recycling bins inside the stadium further encourage game day recycling inside the stadium.

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

Student volunteers are recruited from campus, usually through outreach to existing student organizations. Estimated student participation is a total of at least 5000 students attending each game and recycling while there. Plus the 300 student volunteers over the season, but visible to all campus visitors (up to 50,000) each Game Day. Game Day Recycling occurs in the tailgating areas throughout campus and inside the stadium.

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

Students are trained on what items can be recycled, why Georgia Tech encourages everyone to recycle, what other green programs Georgia Tech has. Student engagement is a critical success factor for this program, since Tailgaters want to hear from the students and see their enthusiasm for the program. Started as a pilot, midseason in 2007, it has been operationalized (now via Recycling Department) and grown to include inside the stadium as well as tailgating.

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

Recycling, Landscaping, and Athletics partner with students for this program. The cost of the program is covered by the participating departments.

The website URL for 3rd program :

<http://www.recycle.gatech.edu/programs/gdr.php>

Program name (All other programs) :

Tech Beautification Day (TBD)

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

20941

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

A day of service where students could give back to Tech through a combination of on-campus clean up and landscaping tasks.

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

Open to all students, faculty, and staff. The 2011 program had 1000-1500 attending.

Georgia Tech students, staff and faculty worked to spruce up campus, along with several neighboring communities. More than 50 projects—involving spreading ground cover, planting, painting and trash clean-up—were carried out by student volunteers participating in the annual Tech Beautification Day. Some trees also were planted, in keeping with the Institute's Tree Campus USA status.

<http://www.gttbd.org/>

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

This whole project is overseen by students. Campus planting beds were prepped, and facilities worked with [project supervisors] ahead of time to explain the projects and had someone on site for help, but TBD students supervised anywhere from eight to 30 students per project site.

Student volunteers plan, organize and facilitate TBD every year.

Members of the TBD Executive Committee start planning the initiative in January. Students help raise funds from sponsors, sign up volunteers and get the word out.

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

Campus planting beds were prepared, and facilities worked with [project supervisors] ahead of time to explain the projects and had someone on site for help, but TBD students supervised anywhere from eight to 30 students per project site. Facilities also provided three tractor trailers of pine straw, which comprised the bulk of the projects.

<http://www.whistle.gatech.edu/archives/10/apr/26/tbd.shtml>

The website URL for all other programs :

<http://www.stewardship.gatech.edu/studentinit.php>

Student Sustainability Outreach Campaign

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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) :

Wasted Watts Residence Hall Energy Competition

A brief description of the campaign(s) :

Students living in the Residence Halls are asked to reduce their energy consumption, especially as during winter break. Results are tallied and posted. The winners receive prizes.

This is the third year the competition has been run. It also encourages students to learn how they can make a difference and that small steps add up, as explained at

<http://www.housing.gatech.edu/facilities/energy.cfm>

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

Amazingly, some students still had not heard of phantom energy use. Students learn to turn off appliances and to use power strips to truly turn off the otherwise "instant on" or vampire energy consumers such as chargers that consume energy even when they are not left plugged in when not charging a battery or cellphone, etc.

Estimated savings is \$20/student/year which adds up to \$200,000/year savings.

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

<http://nique.net/focus/2010/02/24/rha-raises-watt-waste-awareness/>

Sustainability in New Student Orientation

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

Reusable bags are used for new student orientation (FASET). Auxiliary Services hands out reusable water bottles and encourages students to participate in the dining hall and residence hall programs to have the greenest colleges experiences while at Georgia Tech. Advertising in both the Freshman Orientation materials and on the Stewardship website.

<http://www.stewardship.gatech.edu/greenresidence.php>

Online Housing materials are featured instead of paper. Housing makes it clear students need to bring only EnergyStar appliances and to coordinate appliance purchases, if any, with roommates. Green Cleaning, Housing LEEDing the way, and other green operations and maintenance in Tech's residence halls are featured at

<http://www.housing.gatech.edu>

<http://www.housing.gatech.edu/assignments/items.cfm>

Entering students interested in sustainability are encouraged to visit the “New Students” portion of the Environmental Stewardship website to learn the greenest ways to attend Georgia Tech.

<http://www.stewardship.gatech.edu/greenresidence.php>

Auxiliary Services provides discounts on EnergyStar and Epeat laptops for students coming to campus.

Recycling Department and the Office of Environmental Stewardship participate in Freshman Orientation market place with tabling. Recycling gives away reusable bags and encourages students to volunteer at Game Day Recycling and Earth Day. Stewardship discusses sustainability aspects of Georgia Tech with students and families.

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

<http://www.stewardship.gatech.edu/greenresidence.php>

Sustainability Outreach and Publications

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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
-

"---" 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 :

This central sustainability website includes links to relevant topics across campus and campus life such as research, academic, and socially oriented channels of related and relevant topics across campus and campus life.

For students wanting a quick view of sustainability at Georgia Tech, the website is

www.greenbuzz.gatech.edu

The two webs cross link each other as well as additional sites across Georgia Tech.

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

<http://www.stewardship.gatech.edu/>

Does the institution have a sustainability newsletter? :

Yes

A brief description of the sustainability newsletter :

The Recycling Department publishes a monthly newsletter. As an engagement program, recycling is the topic people think of first when they think of sustainability. Recycling is typically the first and most visible step along the path toward sustainability. Recycling is an every day, all day opportunity to demonstrate sustainability engagement, across all parts of campus.

The website URL for the sustainability newsletter :

<http://www.recycle.gatech.edu/newsletters/>

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

No

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

At Georgia Tech, 40% of students engage in hands-on research as undergraduates. Communications and Marketing highlights student research on popular sustainability themes on the GreenBuzz website,

www.greenbuzz.edu

For more in depth insight into the breadth and depth of sustainability research across Georgia Tech, students are encouraged to start with the Office of Environmental Stewardship website,

www.stewardship.gatech.edu

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

<http://www.stewardship.gatech.edu/>

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

Yes

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

Restrooms have the sustainability signage students like the best: the paper towel dispenser's Green Seal Certified label.

LEED certified buildings have USGBC plaques in the lobby. Recycling signage is present in multiple locations throughout campus buildings and campus, including the first LEED Existing Building Operations and Maintenance, EBOM, building on campus, North Avenue Apartments. It is the largest LEED EBOM certified residence hall in the US.

Signage on solar PV and renewable energy is featured in the lobby of the Campus Recreation Center, which averages 53,000 visitors per month and was voted #1 athletic facility in the country by Princeton Review in 2011.

Signage on cisterns, water conservation, energy usage and conservation, renewable energy etc are highlighted on the dashboard in the new Undergraduate Learning Commons – home of all freshmen math and science courses and part of the campus library.

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

<http://www.stewardship.gatech.edu/sustainablebuildingsoverview.php>

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 :

All three dining halls at Georgia Tech include signage about sustainable food systems.

Signage covers topics such as local farms we buy from, which foods are in season, how dining services is conserving water and energy, nutrition and healthy eating ideas, food waste composting and other waste reduction programs, etc

<http://www.stewardship.gatech.edu/food.php>

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

http://www.gatechdining.com/sustainability_gt.html

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

Yes

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

Georgia Tech was one of the first ten campuses in the US to be part of and recognized by Tree Campus USA. Georgia Tech has submitted its Tree Campus USA for this year, making it 4 years in a row (out of 4 years). The Tree Campus USA banner is prominently displayed in the Student Center and the Tree Campus USA flag flies on a flagpole outside the Student Center.

Georgia Tech has a Landscape Master Plan and the Tree Campus USA documentation that describe Georgia Tech's grounds-keeping strategies.

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

<http://www.stewardship.gatech.edu/landuse.php>

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

Yes

A brief description of the sustainability walking map or tour :

Campus Sustainability Tour includes Historic Preservation portion of campus, Athletic Venues, LEED Certified Buildings, Renewable Energy sites, Green Spaces on Campus, Cistern sites, Reforestation Projects, Green Dorms, Composting Dining Halls, and other Sustainability highlights across campus.

<http://www.stewardship.gatech.edu/>

then click Key Links and Publications in the sidebar. Also at

<http://www.stewardship.gatech.edu/publications.php>

The website URL of the sustainability walking map or tour :

<http://www.stewardship.gatech.edu/publications.php>

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 :

Campus Transit vehicles carry over 2.3 million rides per year and connects directly with city's rapid transit system (MARTA). City bus routes and local community shuttle buses include campus in their routes.

Carpooling and car sharing, etc are available across campus and described at

<http://pts.gatech.edu/ride/alternative/Pages/alternative.aspx>
STARS Reporting Tool | AASHE | Sierra Magazine

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

<http://www.stewardship.gatech.edu/alternativetransportation.php>

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 :

Some students are surprised to learn the greenest way to attend college is to live in residence halls. Georgia Tech explains why living in our residence halls is the greenest way to attend college. Participating in our green dining halls, campus recreation center, library, and bringing only EnergyStar appliances are only some of the opportunities highlighted. They have each focused on energy and water efficient infrastructure, and together with campus transportation and alternative transportation planning, result in an efficient and effective lifestyle that is naturally environmentally friendly.

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

<http://www.stewardship.gatech.edu/housinggreen.php>

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 are sustainability topic newsfeeds available. Sustainability is a frequent topic in campus Facebook and Twitter feeds. Campus personnel highlight campus sustainability story opportunities each month with the various campus communication channels.

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.gatech.edu/newsroom/>

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

Yes

A brief description of this material :

En2Em Newsletter is a weekly newsletter describing Enterprise to Empower (En2Em) events and opportunities via a Georgia Tech student organization that seeks to educate, enable, and engage students in social entrepreneurship.

The website URL for this material :

<http://en2em.org/node/31>

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

Yes

A brief description of this material :

Ideas2Serve (I2S) Competition Newsletter

The I2S is a competition of ideas; where creativity, imagination, and technology are applied to:

- Solving community and social issues (for example reducing the effects of poverty, alleviating hunger, promoting physical and psychological health and wellness); and/or
- Sustaining our environment (for example improved water management, improved air and water quality, reduction of the rate of depletion of natural resources, developing alternate sources of energy).

The website URL for this material :

<http://gatech.us2.list-manage.com/subscribe?u=e2ab208f9687db5dc76fd40d2&id=aac5acdc2>

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

Yes

A brief description of this material :

Impact Newsletter

The IMPACT Speaker Series has brought highly successful business leaders from a variety of industries to campus to share their experiences and give advice to students and other entrepreneurs on topics ranging from "building a venture around intellectual capital" to "successful entrepreneurship in large organizations" and "socially responsible leadership".

<http://gatech.us2.list-manage1.com/subscribe?u=e2ab208f9687db5dc76fd40d2&id=7e9bdf1dbf#IMPACT>

Newsletter

link is off of:

<http://www.ile.gatech.edu/>

The weekly series provides Georgia Tech students, alumni and the Atlanta business community an opportunity to network and learn from successful entrepreneurs, venture capitalists, and notable business and non-profit leader

The website URL for this material :

<http://www.ile.gatech.edu/>

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

Yes

A brief description of this material :

Monthly E-newsletter, College of Architecture

Newsletter highlighting College of Architecture research, student work, events, guest lectures, and alumni news.

The website URL for this material :

<http://www.coa.gatech.edu/news/enewsletter>

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

Yes

A brief description of this material :

Women in Engineering – we don't fit the mold, we make it!

Monthly newsletter featuring outreach programs, events, and research related to women in engineering.

The website URL for this material :

<http://us2.campaign-archive1.com/?u=a0f2cb8e7b576aa188641c349&id=f3bd417874&e=ca88720ba2>

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

Yes

A brief description of this material :

College of Science monthly newsletter highlights student projects, research, events

The website URL for this material :

<http://us2.campaign-archive2.com/?u=f507fd35bff70ac2589f5dd8f&id=2cc64fbe41>

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

Yes

A brief description of this material :

Quarterly magazine published by the Georgia Tech Alumni Association, featuring stories on faculty, students, and alumni

The website URL for this material :

<http://gtalumnimag.com/>

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

Yes

A brief description of this material :

Overview of Sustainability at Georgia Tech – campus, academics, research as selected by the Office of Environmental Stewardship

The website URL for this material :

<http://www.stewardship.gatech.edu/index.php>

Student Group

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Energy Club at Georgia Tech

The purpose of the Energy Club is to educate students on the unique challenges and opportunities that are impacting the global energy industry.

The club's objectives include:

- Bring together students, alumni, faculty and industry professionals in a forum that allows for interaction, discussion, exchange of innovative ideas and networking.
- Develop student leadership specifically in the area of energy.

<http://energyclub.gatech.edu/>

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

Georgia Tech's Energy Club is the second largest, and faster growing Energy Club in the country.

Key-note Speakers Series: A periodic lecture series in which prominent industry representatives present and discuss topics of interest.

Industry Tours: Tours of local energy industry facilities (headquarters, power plants, substations, manufacturing/repair, etc.)

Energy Conference: An event that brings together key leaders of every aspect of energy industry.

Energy Career Fair: A career fair that brings recruiting opportunities to students from sponsors specifically in the energy industry.

List other student groups that address sustainability :

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

American Nuclear Society, Water Alliance, Engineering Students without Borders, Ideas To SERVE Competition, Georgia Tech Solar Jackets, Trailblazers, etc

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

<http://www.stewardship.gatech.edu/studentinit.php>

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Students have a small on-campus garden among the residence halls. In 2012, the students have raised money to expand their garden and have worked with the Landscape Committee to be allowed to build 10 large raised bed gardens near the Instruction Center Building.

Georgia Tech's Landscaping has included edible plants throughout campus for many years. The plants are demonstration projects, lovely and interesting landscaping, and a surprise for the many urban hikers who visit our campus.

The website URL where information about the garden is available :

<http://www.gatech.edu/greenbuzz/faqs>

Model Room in a Residence Hall

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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? :

No

A brief description of the model room :

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

Themed Housing

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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) :

Georgia Tech has several sustainability themed residence options.

The North Avenue Apartments Residence Hall is the first LEED Existing Building Operations and Maintenance LEED certified building on the Georgia Tech campus. It is also the largest university residence hall in the world to be LEED Gold and EBOM certified. A former Olympic Village, it has once again earned a "Gold" medal. It is now a green home to 2000 students attending Georgia Tech. EBOM stands for Existing Building Operations and Maintenance.

STEM housing for Science, Technology, Engineering and Math focused women.

International House for students who want an international immersion experience while attending Georgia Tech's main campus. Over 40 percent of Georgia Tech's undergraduate students have a study abroad experience.

Housing's ThinkBIG program offers many programs but several have a strong sustainability features: Sustain & Outdoor, Kids@Nature, I-House, Thought for Food, etc.

<http://www.thinkbig.gatech.edu/>

There are

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

<http://www.stewardship.gatech.edu/housinggreen.php>

The total number of residents in themed housing. :

8540

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

viaCycle, a startup created by Tech alumni, began testing its program on campus this summer and officially launched its fleet in November. The system is the first of its kind in the southeast and is designed to make bikes available for communal use via mobile technology, often a cellphone. After months of soldering metal, assembling parts and testing technology, a bike share program developed right on Tech's campus is now open to all students, faculty and staff for use.

<http://nique.net/news/2012/01/13/viacycle-rides-to-success/>

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

<http://www.gatech.edu/newsroom/release.html?nid=77641>

Sustainability Events

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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) :

Georgia Tech as several outreach campaigns each year. Earth Day, Think Green Week, Net Impact, Ideas2Serve, Sustainability Award in Business Plan Competition, Inventure Prize features 30-60% sustainability inventions, etc

Earth Hour on campus was coordinated by staff 2 years, and then transitioned to our Student Government Association who has participated since 2007 and led the campaign since 2009.

<http://www.whistle.gatech.edu/archives/09/mar/23/earthhour.shtml>

<http://niquette.net/focus/2011/04/01/earth-hour-turns-students-off-power/>

Since 2002, the IMPACT Speaker Series has brought highly successful business leaders from a variety of industries to campus to share their experiences and give advice to students and other entrepreneurs on topics ranging from "building a venture around intellectual capital" to "successful entrepreneurship in large organizations" and "socially responsible leadership".

The weekly series provides Georgia Tech students, alumni and the Atlanta business community an opportunity to network and learn from successful entrepreneurs, venture capitalists, and notable business and non-profit leaders.

<http://www.ile.gatech.edu/IMPACT.html>

The Georgia Tech Program in Science, Technology and Innovation Policy is sponsored by the Georgia Tech School of Public Policy and Georgia Tech's Enterprise Innovation Institute.

The STIP program aims to establish an internationally recognized initiative focused on research-based, economically-driven, science, technology and innovation policies.

http://stip.gatech.edu/?page_id=1147

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

<http://www.stewardship.gatech.edu/events.php>

Outdoors Program

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Outdoor Recreation Georgia Tech also known as ORGT! Georgia Tech has one of the best outdoor recreation programs in the country. ORGT offers a number of programs throughout the year from caving and rock climbing to whitewater rafting and sea kayaking. Rent equipment at the Wilderness Outpost for your own camping excursion or join us on an organized outing.

The website URL where information about the program is available :

<http://www.crc.gatech.edu/orgt/plugins/content/index.php?id=1>

Themed Semester or Year

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

Submission Note:

Georgia Tech is a national leader in graduating minority and female engineers.

<http://diversity.gatech.edu/resources/student-resources>

"---" 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 :

Believing in the Journey

Change through innovation has been key to Georgia Tech's success. It is the philosophy that bonds the community. For African Americans at Georgia Tech, the pace has sometimes been slow but the journey has been dramatic. We look at a university now that has some of the best and brightest minds in the nation and leads the country in the number of African American engineers. Fifty years of believing in the journey have propelled Tech into the forefront of higher education.

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

I Have a Dream: Writings and Speeches That Changed the World

The website URL where information about the theme is available :

<http://www.diversity.gatech.edu/50thanniversary>

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.

From the institution:

Georgia Tech has a goal that every student will take at least one course in sustainability. We have more than 260 courses with an emphasis in sustainability, spanning every college at Georgia Tech.

Varied and numerous in nature, the educational aspects of Georgia Tech's commitment to environmental sustainability reflect our promise to produce the technological leaders of the future.

Sustainability focused and related degree programs include 36 Undergraduate and 117 Graduate degrees. Georgia Tech also offers 14 Professional Education programs, 9 online programs, and 4 certificates related to sustainability via its Division of Professional Practice.

<http://www.stewardship.gatech.edu/educationsustainability.php>

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

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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.

"---" 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? :

Georgia Tech's 2010 Strategic Plan outlines a vision for where Georgia Tech aspires to be in the year 2035, the Institute's 150th anniversary.

<http://www.gatech.edu/president/>

Vision: Georgia Tech will define the technological research university of the 21st century. As a result, we will be leaders in influencing major technological, social, and policy decisions that address critical global challenges.

Mission: Technological change is a fundamental to the advancement of the human condition. The Georgia Tech community – students, staff, faculty, and alumni – will realize our motto of “Progress and Service” through effectiveness and innovation in teaching and learning, our research advances, and entrepreneurship in all sectors of society. We will be leaders in improving the human condition in Georgia, the United States, and around the globe.

- Our students are taught to be collaborative, innovative, interdisciplinary, and global.
- They operate at the intersection of technology, policy, business and sustainability.

Georgia Tech is a leader in research in fields of energy, climate change, nanotechnology, biomedical technology, engineering, management, public policy, transportation and logistics, health information technology, and material science engineering, economic development and tech transfer.

To stimulate cooperation in emerging areas of education and research, Georgia Tech has established a network of more than 100 centers that cut across traditional academic disciplines. Drawing upon human and technical resources throughout the university, the centers provide an interdisciplinary setting for addressing basic and applied problems of interest to government and private enterprise. They also provide a mechanism for interdisciplinary graduate and undergraduate education.

Approximately 45% of tenured/tenure track faculty participated in the Undergraduate Research Opportunities Program in 2009-2010. Tech is among the nation's top producers of women and minority engineers. Tech has research centers, educational program partnerships, and business and economic development partnerships and centers globally.

GTRI is the largest research entity at the Georgia Institute of Technology (Georgia Tech) and has developed a reputation as one of the world's premier university-based applied research and development organizations. GTRI and Georgia Tech are world-class institutions that combine the best of both applied and basic research to solve the innovation equation on behalf of clients. This combination provides unsurpassed expertise, capabilities and know-how in solving some of the toughest problems facing government and industry.

Georgia Tech's definition of sustainable research spans many subject areas of Service and Progress:

1. Improving the Human Condition, Social and Individual Transformation, Education, Outreach, Lifelong Learning
2. Energy, Materials, Water, and Environment
3. Health, Food, Nutrition, Nanomedicine, Medical Engineering
4. Innovative Technologies, Complex Systems, Sustainable Systems, Systems Thinking
5. Technology Transfer, Economic Development, Entrepreneurship, Leadership, Economics, Business
6. Global Technologies, Collaboration, Policies
7. Partnerships between Private/Public, Profit/Non-Profit, Government/Non-Government Organizations
8. Logistics, Sustainable Manufacturing and Design

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 :

This list sustainability Focused courses was developed working through the Academic Deans of each College's Departments with input from faculty.

<http://www.stewardship.gatech.edu/images/courses.pdf>

Lists of sustainability related courses and degrees are also available online.

This definition of sustainability is from the Georgia Tech Strategic Plan. For nine months, several hundred students, faculty, administrators and staff, researchers, alumni, and supporters joined together to contribute their time and ideas about how to transform Georgia Tech. The process was comprehensive and inclusive.

More than 1,200 ideas were submitted. In addition, the Tech community participated in 70 town hall type meetings, focus groups, and “Days of Engagement.”

<http://www.gatech.edu/vision/the-planning-process>

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

Yes

The website URL where the sustainability course inventory is posted :

<http://www.stewardship.gatech.edu/educationsustainability.php>

Sustainability-Focused Courses

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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*.

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

The number of sustainability-focused courses offered :

264

The total number of courses offered :

1271

Number of years covered by the data :

Three

A list of sustainability-focused courses offered :

<http://www.stewardship.gatech.edu/images/courses.pdf>

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

<http://www.stewardship.gatech.edu/images/courses.pdf>

A copy of the sustainability course inventory :

[courses GT sustainability updated 2009.pdf](#)

Sustainability-Related Courses

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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*.

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

The number of sustainability-related courses offered :

997

The total number of courses offered :

1271

Number of years covered by the data :

One

A list of sustainability-related courses offered :

Courses in 26 of the 30 departments are listed.

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

<http://www.stewardship.gatech.edu/educationsustainability.php>

A copy of the sustainability course inventory :

[Sustainability Related Degrees at Georgia Tech.pdf](#)

Sustainability Courses by Department

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

29

The total number of departments that offer courses :

30

A list of departments that offer sustainability courses :

College of Architecture

- Building Construction
- City Planning
- Industrial Design

College of Engineering

- Aerospace Engineering
- Chemical Engineering
- Civil and Environmental Engineering
- Electrical and Computer Engineering
- Polymer, Textile, and Fiber Engineering
- Industrial and Systems Engineering
- Material Science Engineering
- Mechanical Engineering
- Nuclear and Radiological Engineering

Ivan Allen College

- Economics
- History, Technology, and Science
- International Affairs
- Literature, Communication, and Culture
- Modern Languages

- Philosophy, Science, and Technology
- Public Policy

College of Computing

- Computational Science & Engineering
- Computer Science
- Interactive Computing

College of Management

College of Science

- Biology
- Chemistry & Biochemistry
- Earth & Atmospheric Sciences
- Mathematics
- Physics
- Psychology

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

<http://www.stewardship.gatech.edu/educationsustainability.php>

A copy of the sustainability course inventory :

[courses Sustainability Final September 2009.pdf](#)

Sustainability Learning Outcomes

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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.

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

The number of graduates covered by the sustainability learning outcomes :

5028

Total number of graduates :

5028

A list of degree programs that have sustainability learning outcomes :

Georgia Tech has a goal that every student will take at least one course in sustainability. Varied and numerous in nature, the educational aspects of Georgia Tech's commitment to environmental sustainability reflect our promise to produce the technological leaders of the future.

Sustainability is embedded in both core curriculum and in upper curriculum to ensure that by the time a student graduates, he will have had at least one course in sustainability.

We have more than 260 courses with an emphasis in sustainability spanning every college at Georgia Tech. Sustainability is a focus of over 23 degrees available from Georgia Tech.

In 2010, 5028 undergraduate and graduate degrees were conferred by Georgia Tech.

http://www.irp.gatech.edu/sites/www.irp.gatech.edu/files/2010_MiniFB.pdf

Examples of some of the Georgia Tech degrees focusing on sustainability:

Master of Science in Environmental Engineering

Master of Science in Civil Engineering

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

Master of Science in Public Policy
Master of Science in International Affairs
Master of Science in Urban Design
Master of City and Regional Planning
Bachelor of Science in Building Construction
Doctor of Philosophy with a Major in Civil Engineering
Doctor of Philosophy with a Major in Environmental Engineering
Doctor of Philosophy with a Major in Public Policy
Doctor of Philosophy with a Major in City and Regional Planning

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://www.stewardship.gatech.edu/educationsustainability.php>

A copy of the sustainability course inventory :

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

The School of Civil and Environmental Engineering (CEE) at the Georgia Institute of Technology is consistently ranked as one of the nation's most prominent programs of its kind in both graduate and undergraduate education. The School was originally established in 1898, and it has become the second largest civil and environmental engineering program in the country, offering a broad range of academic opportunities and strategic research initiatives within the field.

CEE has sixty tenure-track faculty members who are leading experts in their respective discipline. Our faculty is grouped by areas of affinity, based on their expertise. CEE's affinity groups include: Construction Engineering; Environmental Engineering; Environmental Fluid Mechanics and Water Resources; Geosystems Engineering; Structural Engineering, Mechanics and Materials; and Transportation

ENROLLMENT (as of Fall 2010): 813 UNDERGRADUATE students and 340 GRADUATE students, 60 full-time FACULTY members

<http://www.ce.gatech.edu/about/profile-and-rankings?phpMyAdmin=NDm1O9X7P8CPZZKqQJVJ5bWxWqd>

<http://www.ce.gatech.edu/research/enve>

<http://www.ce.gatech.edu/research/efmwr>

<http://www.ce.gatech.edu/research/tse>

Undergraduate Program in Sustainability

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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) :

Bachelor of Science in Environmental Engineering

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

<http://www.ce.gatech.edu/academics/undergraduate>

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

Bachelor of Science in Civil Engineering

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

<http://www.ce.gatech.edu/>

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

Bachelor of Science in Earth and Atmospheric Science

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

<http://www.eas.gatech.edu/>

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

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

Georgia Tech has a goal that every student will take at least one course in sustainability. We have more than 260 courses with an emphasis in sustainability spanning every college at Georgia Tech. Sustainability is a focus of over 23 degrees available from Georgia Tech.

- O Architecture, Industrial Design, City & Regional Planning, Building Construction
- O Computer Science, Interdisciplinary Computational Media, Robotics
- O Engineering : Civil & Environmental, Environmental, Industrial Systems, Material Sciences, Electrical, Mechanical, Aerospace Engineering
- O Literature, Communication, & Culture
- O Public Policy
- O Business and the Environment, Ethics, Social Entrepreneurship
- O Earth and Atmospheric Sciences programs in Meteorology , Earth Science, Environmental Science
- O Biology, Biochemistry. Chemistry, Physics, Applied Math, Applied Physics

<http://www.stewardship.gatech.edu/educationsustainability.php>

Graduate Program in Sustainability

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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) :

Doctor of Philosophy in Public Policy

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

<http://www.iac.gatech.edu/academics/schools/spp>

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

Master of City and Regional Planning

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

http://www.planning.gatech.edu/degrees_home

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

Master of Science in International Logistics

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

<http://www.scl.gatech.edu/index.php>

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

Georgia Tech offers an astounding number of graduate degrees with a sustainability focus. They are summarized here:

College Architecture, 9 degrees

College Sciences, 28 degrees

College of Engineering, 50 degrees

College of Management, 5 degrees

College of Ivan Allen, College of Liberal Arts, 12 degrees

College of Computing, 12 degrees

<http://www.stewardship.gatech.edu/educationsustainability.php>

Sustainability Immersive Experience

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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.

"---" 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 :

Georgia Tech offers immersive sustainability experiences via academic& experiential learning opportunities like Undergraduate hands on Research (40%), Work-Study (Co-op program) (25%), Study Abroad (42%). International students attending Georgia Tech (27%).

Engineers without Borders-GT is a student international service organization. Student design & implement solutions to health & infrastructure problems in developing communities.

In Housing's ThinkBig program, students live together & connect around a theme. A recent topic was: Green-fluence: Active and Sustainable Living. Engage in a healthy, active lifestyle and delve into green living beyond the pop-culture of sustainability. Join us as we explore the community in which we live! Visit local organic farms, raft the Ocoee River and bike the Beltline, Discuss the issues and dilemmas regarding sustainability, Explore Atlanta's diverse neighborhoods & socio-ecological system

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

<http://www.stewardship.gatech.edu/outreach.php>

Sustainability Literacy Assessment

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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? :

No

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

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

Housing's Sustainability Quiz:

1. Georgia Tech Housing aims for LEED Gold Certification. What does LEED stand for?
2. Which action does NOT save energy in your residence hall?
3. How many years does it take the aluminum soft drink can you just threw away to decompose?
4. What are the 4 R's of Sustainability?
5. What is your Carbon Footprint?
6. What percentage of your daily water usage does the bathroom account for?
7. How much chemical fertilizer and pesticide does it take to grow the cotton to make the t-shirt and pair of jeans you put on this morning?
8. How much water can you waste in one day if your faucet leaks?
9. Recycle that aluminum can your hand and you can save enough money to run your laptop for how long?

10. How much waste does the average college student produce annually?

www.stewardship.gatech.edu/images/Sustainability

quiz housing.pdf

A brief description of how the assessment was developed :

As part of Housing's seeking LEED EBOM certification for the North Avenue Apartments (2,000 person bed residence hall):

- o Over 700 students completed an online sustainability survey designed to engage and educate them. Residents were incented to participate via outreach programs at Earth Day and via signage in building lobbies, etc. Students who successfully completed the online survey received a T-shirt.

- o A separate program engaged students in turning recycled plastic beverage bottles into fabric and clothing. Students who participated in the demonstration received a T-shirt made of recycled plastic beverage bottles. Over 600 students participated.

- Research and Citizen Science, The Need for Research into the Efficacy of Education Strategies... Use of models to construct scientific understanding

<http://sciencelearning.rutgers.edu/research.html>

A brief description of how the assessment was administered :

Via Housing's LEEDing the way website, online at

http://www.housing.gatech.edu/facilities/leedingtheway_chem.cfm

A brief summary of results from the assessment :

700 students voluntarily took the quiz during 2010-2011

Approximately 600 students participated in the plastic bottle recycling demonstration to receive a tshirt

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

<http://www.stewardship.gatech.edu/housinggreen.php>

Incentives for Developing Sustainability Courses

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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.

Submission Note:

Incentives for developing sustainability Courses at Georgia Tech take many forms.

Georgia Tech's reputation for academic and research excellence help facilitate opportunities for grants, contracts, and consulting opportunities. An example is the grant recently received to Establish One of Nation's 1st Cross-Disciplinary Energy PhD Programs.

Georgia Tech's interdisciplinary centers, basic science expertise, expert engineering faculty, collaborative atmosphere, and cutting edge industry partnerships provide a solid foundation to build and innovate upon.

Funding is also offered as incentives. Examples include the GT FIRE funding which developed around the Strategic Planning Initiatives and stipends associated with the ThinkBIG program in Housing.

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

Does the institution have a program that meets the criteria outlined above? :

Yes

A brief description of the program(s) :

To stimulate cooperation in emerging areas of education and research, Georgia Tech has established a network of more than 100 centers that cut across traditional academic disciplines. Drawing upon human and technical resources throughout the university, the centers provide an interdisciplinary setting for addressing basic and applied problems of interest to government and private enterprise. They also provide a mechanism for interdisciplinary thrusts in graduate and undergraduate education.

Tech's centers involve faculty from academic colleges and from the Georgia Tech Research Institute (GTRI). GTRI provides additional flexibility to research at Georgia Tech and compliments academic programs. All of Tech's interdisciplinary centers perform sponsored research on a contractual basis. Industry affiliate memberships are also available through several of the centers. A brief description of the majority of Georgia Tech's centers can be found through the Georgia Tech web site at

<http://www.gatech.edu/research/centers.html>

A brief description of the incentives that faculty members who participate in the program(s) receive :

"Grant Will Establish One of Nation's 1st Cross-Disciplinary Energy PhD Programs" The project will establish at Georgia Tech, one of the nation's first truly interdisciplinary PhD program in energy science, technology, and policy. The program will serve a critical need for the development of new, more efficient materials to address energy challenges during the next several decades. Specifically, it will examine Nanostructured Materials for Energy Storage and Conversion.

"Georgia Tech Fund for Innovation in Research and Education (GT FIRE)Sparks Innovation Among Faculty"... to facilitate planning for a ..., multidiscipline, multi-institution, Tech-led Department of Energy Integrated Research Project research proposal ... includes research and education.

www.stewardship.gatech.edu/

The website URL where information about the program is available :

<http://www.evpr.gatech.edu/reporting-units>

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.

From the institution:

Georgia Tech is a leader in research in the fields of energy, climate change, nanotechnology, biomedical technology, engineering, management, public policy, transportation and logistics, health information technology, and material science engineering, economic development and tech transfer.

To stimulate cooperation in emerging areas of education and research, Georgia Tech has established a network of more than 100 centers that cut across traditional academic disciplines. Drawing upon human and technical resources throughout the university, the centers provide an interdisciplinary setting for addressing basic and applied problems of interest to government and private enterprise. They also provide a mechanism for interdisciplinary graduate and undergraduate education.

Approximately 45% of tenured/tenure track faculty participated in the Undergraduate Research Opportunities Program in 2009-2010. Tech is among the nation's top producers of women and minority engineers. Tech has research centers, educational program partnerships, and business and economic development partnerships and centers globally.

GTRI is the largest research entity at the Georgia Institute of Technology (Georgia Tech) and has developed a reputation as one of the world's premier university-based applied research and development organizations. GTRI and Georgia Tech are world-class institutions that combine the best of both applied and basic research to solve the innovation equation on behalf of clients. This combination provides unsurpassed expertise, capabilities and know-how in solving some of the toughest problems facing government and industry.

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

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

Georgia Tech's 2010 Strategic Plan outlines a vision for where Georgia Tech aspires to be in the year 2035, the Institute's 150th anniversary.

<http://www.gatech.edu/president/>

Vision: Georgia Tech will define the technological research university of the 21st century. As a result, we will be leaders in influencing major technological, social, and policy decisions that address critical global challenges.

Mission: Technological change is a fundamental to the advancement of the human condition. The Georgia Tech community – students, staff, faculty, and alumni – will realize our motto of “Progress and Service” through effectiveness and innovation in teaching and learning, our research advances, and entrepreneurship in all sectors of society. We will be leaders in improving the human condition in Georgia, the United States, and around the globe.

- Our students are taught to be collaborative, innovative, interdisciplinary, and global.
- They operate at the intersection of technology, policy, business and sustainability.

Georgia Tech is a leader in research in fields of energy, climate change, nanotechnology, biomedical technology, engineering, management, public policy, transportation and logistics, health information technology, and material science engineering, economic development and tech transfer.

To stimulate cooperation in emerging areas of education and research, Georgia Tech has established a network of more than 100 centers that cut across traditional academic disciplines. Drawing upon human and technical resources throughout the university, the centers provide an interdisciplinary setting for addressing basic and applied problems of interest to government and private enterprise. They also provide a mechanism for interdisciplinary graduate and undergraduate education.

Approximately 45% of tenured/tenure track faculty participated in the Undergraduate Research Opportunities Program in 2009-2010. Tech is among the nation's top producers of women and minority engineers. Tech has research centers, educational program partnerships, and business and economic development partnerships and centers globally.

GTRI is the largest research entity at the Georgia Institute of Technology (Georgia Tech) and has developed a reputation as one of the world's premier university-based applied research and development organizations. GTRI and Georgia Tech are world-class institutions that combine the best of both applied and basic research to solve the innovation equation on behalf of clients. This combination provides unsurpassed expertise, capabilities and know-how in solving some of the toughest problems facing government and industry.

Georgia Tech's definition of sustainable research spans many subject areas of Service and Progress:

1. Improving the Human Condition, Social and Individual Transformation, Education, Outreach, Lifelong Learning
2. Energy, Materials, Water, and Environment
3. Health, Food, Nutrition, Nanomedicine, Medical Engineering
4. Innovative Technologies, complex systems, sustainable systems
5. Technology Transfer, Economic Development, Entrepreneurship, Leadership, Economics, Business
6. Global Technologies, Collaboration, Policies
7. Partnerships between private/public, profit/non-profit, government/non-government organizations
8. Sustainable Systems, Logistics, Sustainable Manufacturing and Design

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

Yes

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

Georgia Tech Community Designs New Strategic Plan

For nine months, several hundred students, faculty, administrators and staff, researchers, alumni, and supporters joined together to contribute their time and ideas about how to transform Georgia Tech. The process was comprehensive and inclusive.

The list researchers was compiled from existing inventories, campus websites, survey and discussions across campus.

More than 1,200 ideas were submitted. In addition, the Tech community participated in 70 town hall type meetings, focus groups, and "Days of Engagement."

Opportunities for feedback and interaction:

- Online survey through June 15, 2010
- 70 town hall type meetings with students, faculty, staff, alumni, friends , and advisory boards
- Two special town hall presentations, one in fall 2009, one in spring 2010
- Open solicitation of ideas on the Strategic Vision Web site.
- More than 1,200 ideas have been submitted.
- 2 days of engagement in January where students and faculty devoted class time to provide input
- Numerous focus groups and presentations to student, faculty, staff and community organizations.

Updates on Strategic Plan Implementation are posted online and reported via campus communication.

<http://www.gatech.edu/vision/implementation>

List of research inventory compiled from IRP dataware, department websites, centers lists, funded research lists with dept/individual input.

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://www.stewardship.gatech.edu/research.php>

Faculty Engaged in Sustainability Research

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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.

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

The number of faculty members engaged in sustainability research :

747

The total number of faculty members engaged in research :

1214

Names and department affiliations of faculty engaged in sustainability research :

<http://www.stewardship.gatech.edu/research.php>

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

<http://www.stewardship.gatech.edu/research.php>

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

[researchersJan2012.pdf](#)

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

The website URL where information about sustainability research is available :

<http://www.stewardship.gatech.edu/research.php>

Departments Engaged in Sustainability Research

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

30

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

28

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

<http://www.stewardship.gatech.edu/images/researchers2012.pdf>

The most difficult challenges of the future —such as energy, water, sustainability, security, poverty/ development, and natural disasters—will require global solutions, and Georgia Tech will be engaged around the world in developing these solutions. Teams at the Institute are already working on solutions for making solar energy economical, improving environmental and economic sustainability, providing access to clean water, improving the urban infrastructure, advancing health informatics, curing diseases, and securing cyberspace. New interdisciplinary fields are emerging that span technology, science, policy, business, law, and the arts, and these interactions are reshaping how we both view the world, and define and solve problems.

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

<http://www.stewardship.gatech.edu/research.php>

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

[researchersjan2012lastnames.pdf](#)

STARS Reporting Tool | AASHE | Sierra Magazine

Sustainability Research Incentives

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

Office of Undergraduate Research Opportunities Program

Georgia Tech's Undergraduate Research Opportunities Program (UROP) works to enhance research experiences for undergraduates and to encourage undergraduates to participate in research.

Other, related, programs include President's Undergraduate Research Award, Georgia Tech Research Institute, and the Brook Byers Institute for Sustainable Systems, etc.

<http://www.gatech.edu/greenbuzz/research.html>

<http://www.undergradresearch.gatech.edu/>

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

<http://www.stewardship.gatech.edu/educationsustainability.php>

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 :

Georgia Tech has 21 Endowed Chairs & 23 Research Centers that along with NSF and SEED funding, support major sustainability research at Georgia Tech.

<http://www.gatech.edu/greenbuzz/research.html>

Georgia Tech is home to approximately 100 interdisciplinary research centers. These interdisciplinary research centers yield groundbreaking new knowledge that is applied to some of humankind's most difficult problems, driving both innovation and economic development, and resulting in a better quality of life.

<http://www.evpr.gatech.edu/reporting-units>

,

<http://www.gatech.edu/research/centers.html>

The Georgia Tech Research Institute is a highly regarded applied research and development organization.

<http://www.gtri.gatech.edu/centers>

Georgia Tech's Enterprise Innovation Institute (EI2) helps companies, entrepreneurs, economic developers, and communities improve their competitiveness through the application of science, technology, and innovation.

<http://innovate.gatech.edu/>

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

Interdisciplinary Research in Tenure and Promotion

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

Strategic Plan

Goal 2: Sustain and Enhance Excellence in Scholarship and Research Strategy 2: Support Faculty led initiatives for transformative interdisciplinary research

Interdisciplinary Centers at Georgia Tech

To stimulate cooperation in emerging areas of education and research, Georgia Tech has established a network of more than 100 centers that cut across traditional academic disciplines. Drawing upon human and technical resources throughout the university, the centers provide an interdisciplinary setting for addressing basic and applied problems of interest to government and private enterprise. They also provide a mechanism for interdisciplinary thrusts in graduate and undergraduate education.

Tech's centers involve faculty from academic colleges and from the Georgia Tech Research Institute (GTRI). GTRI provides additional flexibility to research at Georgia Tech and compliments academic programs. A brief description of the majority of Georgia Tech's centers can be found through the Georgia Tech web site at

<http://www.gatech.edu/research/centers.html>

• These are just two, out of many examples:

o RFP: Creating Energy Options (CEO) Program - Campus Energy Research Seed Funding

<http://www.energy.gatech.edu/rfp/>

o New Collaborative Initiative Funds Interdisciplinary Research - The Parker H. Petit Institute for Bioengineering and Bioscience awarded \$100,000 to two interdisciplinary teams under a new initiative, the Petit Bioengineering and Bioscience Collaborative Grant program, .

<http://www.cost.gatech.edu/news/New-Collaborative-Initiative-Funds-Interdisciplinary-Research>

www.stewardship.gatech.edu/research.php

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

<http://www.gatech.edu/research/centers.html>

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.

From the institution:

Georgia Tech has 46 buildings and approximately 5 million gsf of buildings that are LEED Certified, LEED Registered, or Renovated for Energy and Water Efficiency to the level of LEED.

Many other buildings have received retrofits for energy and water efficiency on campus but not as extensively as the 46 described above.

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

Building Operations and Maintenance

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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" :

2778786 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 :

1820014 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 :

958772 Square Feet

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

STARS Reporting Tool | AASHE | Sierra Magazine

0 Square Feet

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

<http://www.stewardship.gatech.edu/greencleaning.php>

An electronic copy of the guidelines or policies :

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

2009

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

Supervisors review operations and maintenance work routinely. Staff and Users report when they observe noncompliance.

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

North Avenue Apartments (958,772 sf) LEED EBOM & LEED Gold

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

All 39 residence halls buildings were moved to the green cleaning and the same Operations and Maintenance practices when they were implemented for the North Avenue Apartments in 2010.

Building Design and Construction

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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:

Georgia Tech has 64 buildings and 7.4 million gsf of LEED Certified, LEED Registered, and Retrofit to the Level of LEED standards as of January 2012.

LEED Certified:

Civil Engineering (Old)

Georgia Tech @ Centergy One

North Avenue Apartments

Hinman, Thomas P

Klaus Advanced Computing Building

Management

Mewborn, S Clements Softball Stadium

Phi Kappa Tau House

Zelnak, S&J Basketball Practice

LEED Registered:

Academy Of Medicine

Alexander, William A. Memorial Coliseum

Bill Moore Tennis Center

CNES Building (Carbon Neutral Energy Solutions)

Centergy One/ATDC
Challenge Course
Chi Psi Fraternity at GT
Clough Undergraduate Learning Commons
EBB Building
Fitten, Loise M. Residence Hall
Freeman, Y. Frank Jr. Residence Hall
Georgia Tech CNES Laboratory
Montag, Harold E. Residence Hall
MSE Build out 2nd & 3rd Floors
North Avenue Dining Hall
Whitehead, Joseph B. Student Health Center
Georgia Tech Master Site

Retrofit to Standards of LEED:

811 Marietta Street N.W.
Armstrong, Arthur H. Residence Hall
Brittain, Marion L. Dining Hall
Caldwell, Hugh H. Residence Hall
Campus Recreation Center
CRC Parking Deck
Carnegie, Andrew Renovation
Family Apartments
Family Apartments Parking Deck
Folk, Edwin H. Residence Hall
Fulmer, Herman K. Residence Hall
Global Learning Center**
Guggenheim, Daniel F.
Harrison, George W. Jr. Residence Hall
Howell, Clark Residence Hall
Human Resources (500 Tech Pkwy)
Landon, R. Kirk Learning Center
Love, J. Erskine Jr. Manufacturing
Petit, Parker H. Biotechnology
Stamps, Penny & Roe Student Center

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

New building space that meets "Eligible Buildings Criteria" :

98270 Square Feet

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

0 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 :

98270 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.facilities.gatech.edu/dc/standards/GTSPECS.pdf>

An electronic copy of the guidelines or policies :

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

2002 LEED Silver, 2007 LEED Gold

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

All new renovations and new construction are required to meet or exceed LEED Gold standards. Internal and external teams work together to ensure compliance.

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 :

<http://www.stewardship.gatech.edu/images/energyefficientbuildings.pdf>

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

<http://www.stewardship.gatech.edu/images/energyefficientbuildings.pdf>

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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.

"---" 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 :

14556135 *Square Feet*

Total occupied building space :

14556135 *Square Feet*

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

Georgia Tech's Indoor Air Quality is handled by the Environmental Health and Safety Office. Customers can report problems with indoor air quality through EHS (via email, telephone or in person. The policy covers the entire campus.

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

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

<http://admin-fin.gatech.edu/business/planning/100060.html>

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.

From the institution:

Georgia Tech signed the ACUPCC in 2007 and has met the milestones of that program. Tech continues to calculate its green house gas emissions, implement its plans to increase its energy and water efficiency, and plans for neutrality.

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

Greenhouse Gas Emissions Inventory

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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://www.stewardship.gatech.edu/>

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 :

refrigerants

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

If yes, please specify :

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

No

If yes, please specify :

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

No

If yes, please specify :

Greenhouse Gas Emissions Reduction

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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.

Submission Note:

Georgia Tech signed the President's Climate Commitment in April 2007. It reported its greenhouse gas inventory for FY2008 and FY2010, fulfilling its promise to complete a greenhouse gas inventory within a year of signing the Commitment and to then update it two years later.

Georgia Tech's emissions, normalized for number of FTE went down -1.06%. Our Change in GHG emissions per 1000 sq.ft. building space was -1.831%.

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

Scope 1 and 2 gross GHG emissions, 2005 :

219400 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 :

7200

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

15000

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

920

Scope 1 and 2 gross GHG emissions, performance year :

259999 *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 1, 2010

On-campus residents, performance year :

9540

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

18441

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

1286

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

Fall 2010

Air Travel Emissions

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Georgia Tech encourages faculty and staff to consider whether or not a trip is necessary. When other options are available and would suffice, such as conference calling, webinars, etc., use of the alternatives is encouraged. The results of fewer trips include reduced emissions from air travel.

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

<http://www.admin-fin.gatech.edu/business/travel/>

Local Offsets Program

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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? :

A brief description of the program :

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.

From the institution:

Georgia Tech has been serving local foods for over a hundred years.

A Sustainable Dining Committee was formed in 2008 and encouraged the reporting of purchases within sustainable food categories.

41% of Georgia Tech Dining Services food is local and or organic. Organic food options have been added to our food options and currently comprise over 5% of the food offered on campus.

Dining Halls are 98% waste neutral. Food composting occurs in all 3 campus dining halls. They have also moved disposables (containers, stirrers, napkins) to compostable materials and otherwise reusable containers and silverware.

Georgia Tech recently completed its first new dining hall in decades. It was designed and built as a Green Dining Hall and includes a green roof. Simultaneously, an energy conservation project reduced the energy use in our Brittain Dining Hall by 28%.

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

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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..

"---" 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) :

41

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

Dining Services works with local vendors and campus to provide sustainable dining options.

From purchasing local seasonal produce whenever possible to reducing inorganic and organic waste, to leading a campaign to reduce their energy consumption in one of our older dining halls by 26% and building our first new dining hall in over 20 years to be a "green" dining hall, our campus dining team works to provide an exceptional dining experience that is good for you and good for the planet.

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

<http://www.stewardship.gatech.edu/food.php>

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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

Does the institution have a trayless dining program in which trays are removed from or not available in dining halls?

:

Yes

A brief description of the trayless dining program :

All dining halls are trayless and have been since 2008. In the foodcourt, signage encourages trayless dining.

Trayless dining in the two dining halls that existed in 2008 resulted in 3000 gallons of water savings per day.

List the year the program was started :

Nov. 12, 2007

The overall percentage of meals served on campus that are trayless :

85

The percentage of meal plan meals served on campus that are trayless :

100

The percentage of retail facility meals served on campus that are trayless :

80

The percentage of conference meals served on campus that are trayless :

80

The website URL where information about the program is available :

<http://www.stewardship.gatech.edu/food.php>

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 documented our vegan dining options on campus and helped make students aware of the vegan and vegetarian options available by venue. Most importantly, we also learned our dining staff was willing to work with us to meet special dietary needs, including being vegetarian and vegan.

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

<http://www.gatechdining.com/locations/vegan.html>

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Georgia Tech Dining's vendor, Sodexo, uses zero trans-fat oil products in all foodservice operations nationwide. Zero Trans-Fat products include salad dressings, sauces, soups, breads, muffins, cereals, pasta, breaded chicken, eggs, tortillas, oils and a range of other items.

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

<http://dining.gatech.edu/news.html>

Guidelines for Franchisees

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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

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

No

A brief description of the guidelines for franchisees :

Vendors are encouraged to be sustainable. Caterers offer sustainable dining options and are required to recycle.

The website URL where information about the guidelines is available :

<http://www.studentcenter.gatech.edu/catering/Pages/default.aspx>

Pre-Consumer Food Waste Composting

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

All of Georgia Tech's dining halls compost pre-consumer food waste.

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 :

20

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

10

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

<http://www.gatechdining.com/documents/sustain/Composting%20Poster.pdf>

PostConsumer Food Waste Composting

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

All of Georgia Tech's Dining Halls compost post-consumer food waste.

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

100

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

100

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

20

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

10

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

<http://www.gatechdining.com/documents/sustain/Composting%20Poster.pdf>

Food Donation

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

While our goal is to minimize leftover or surplus food, we do donate the leftover and surplus food we do generate. Current programs donating to the Atlanta Food Bank, local Women's Shelters, and Campus Kitchens Project (CKP).

The CKP is a student powered hunger-relief organization. It is the national arm of the award-winning DC Central Kitchen, a recognized model in innovative hunger relief. CKP partners with universities and high schools to engage students, faculty and staff in preparing and delivering meals to local non-profit organizations, homebound seniors and low-income families.

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

<http://dining.gatech.edu/news.html>

Recycled Content Napkins

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Georgia Tech Dining uses napkin dispensers that can reduce paper waste by up to 40% simply by dispensing one napkin at a time.

The website URL where information about the purchasing is available :

http://dining.gatech.edu/sustainability_gt.html

Reusable Container Discounts

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Reusable mugs are encouraged with a 5% discount.

As part of Georgia Tech Dining's effort to worktowards being waste neutral, they moved to reusable dishes and utensils and compostable ancillary items.

Amount of the discount offered for using reusable mugs :

5

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

Dining Halls already offered reusable food, beverage, and utensils.. They made a focused program to become waste neutral and have in fact become 98% waste neutral.

Food Court also provides reusable dishes, beverages, and utensils and compostable to-go containers.

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

http://www.gatechdining.com/sustainability_gt.html

Reusable To-Go Containers

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Georgia Tech Dining began using reusable to go food containers in the Summer of 2011.

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

http://www.recycle.gatech.edu/newsletters/2011_06_newsletter.pdf

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.

From the institution:

When Georgia Tech talks about energy efficiency, people listen. Our campus is a living laboratory of energy efficiency, energy modeling, energy efficiency measurement, and understanding emerging new energy technologies and practices.

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

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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

Submission Note:

Georgia Tech was an early adopter of LEED Certification. The Georgia Tech College of Management was the 13th building in the US to be LEED certified. In 2003, when the LEED Certification process was estimated to add 10% to the cost of a building, we designed 5 new buildings to LEED standards but certified only one of them because of the cost. We chose LEED certification design standards because we wanted our Technology Square project to be "a tangible symbol of our educating leaders for the increasing complex and global economy."

Georgia Tech's campus now has approximately 2,000,000 gsf of LEED certified building space on it, including the largest university residence hall in the world to attain LEED EB O&M Gold Certification.

Georgia Tech currently has 5,014,390 gsf of building space on our campus that is LEED Registered, LEED Certified, or retrofit for energy efficiency at the level of LEED certification.

Located in the US SE region, we air condition or heat buildings year round. Being in downtown Atlanta, an EPA non-attainment zone, we are unable to use co-generation, which would reduce our emissions and which many of our peers have been able to move to.

Tech has implemented many energy conservation programs and more are planned. As a public, very high research university in the southeast, we heat and cool for our climate and our educational and research missions. Current efforts include metering each utility for each building so we can increase energy efficiency in them. Our MMBTU/sf is one half that of our peer, very high research universities.

Research requires 2-4 times the energy of a normal classroom. Over 40% of our undergraduate students do hands on research. Our PhD & Masters enrollment has grown 49 and 63% over the last decade. Tech is the third highest producer of patents in the state, 80% of these patents include the name of at least one student. Many of these patents are related to sustainability. Georgia's humid climate requires heating /cooling year round, especially in labs where research requires controlled settings.

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

Total building energy consumption, 2005 :

1516504 *MMBtu*

Building space, 2005 :

12007682 *Gross Square Feet*

Total building energy consumption, performance year :

1888151 *MMBtu*

Building space, performance year :

14123683 *Gross Square Feet*

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

7/1/2010 6/30/2011

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

1657 MMBtu

Option 2: Non-electric renewable energy generated :

1000 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 :

1874761 MMBtu

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

In 2010, the reporting year, Georgia Tech's 324KW solar roof on our Campus Recreation Center and the 250 ton Geothermal heat pump were in operation. Both have been in operation since 1995, generating and avoiding energy use equal to the amount of energy used by 500 homes in Georgia each year. In 2011, a new building opened, with a roof garden, solar PV and solar thermal on the roof that equated to 6.5% of the building's energy needs from renewable sources. In 2011, a topping out ceremony took place for a new Carbon Neutral, Net Zero Energy Solutions which will also include renewable energy sources. By year end 2012, Georgia Tech is expected to have over 500kw of renewable energy from solar technology in operations on campus.

Georgia Tech has been an early adopter of renewable energy in campus operations since the mid-1990's on our campus and a leader in renewable energy in operations for other education facilities within the city since the 1970's.

Georgia Tech was the home of the first DOE National Center of Excellence in Photovoltaics. Georgia Tech's UCEP was established in 1992, a research center which remains very active today.

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

Estimate of energy use avoidance with the 250 ton Geothermal heat pump is shown above.

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://www.stewardship.gatech.edu/alternativeenergy.php>

Timers for Temperature Control

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Digital building automation systems allow for automatic setback in the evenings, on weekends, and during extended breaks. These are in use on approximately 45 of our buildings.

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

The website URL where information about the practice is available :

<http://www.stewardship.gatech.edu/moreenergy.php>

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

With a little bit of help from a \$6.7 million award from the American Recovery and Reinvestment Act (ARRA) and a newly formed Energy Conservation Team, Georgia Tech Facilities is taking on the challenge of improving energy efficiency on campus.

The focus of the team, which is lead by Michael Leasure, assistant director of energy conservation, is to ensure that the electrical and mechanical facilities at Tech consume less energy.

“Energy management has been a facet of facilities for about 10 years,” said Warren Page, senior director of facilities and operations. The ARRA funding will support projects to improve motor efficiency, pipe insulation and lighting in almost every building on campus. All projects are slated to be completed by April 2012.

The percentage of building space with lighting sensors :

51

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

<http://www.gatech.edu/greenbuzz/category/keywords/energy-conservation-team>

LED Lighting

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Current LED use is limited to where it is cost effective. This is primarily in hard to reach areas such as vaulted (high) ceilings, in 60 watt down canister light fixtures, study desks, and demonstration projects.

LED street lights are in use on the most used street on campus. Task lighting in the library and some researcher desks also include LED lighting. The plaza outside the College of Management Building has LED lighting in the ground plane.

The numbers below are estimates.

The percentage of building space with LED lighting :

2

The percentage of parking deck space with LED lighting :

1

The percentage of outdoor space that uses LED lighting :

1

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

80

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

<http://www.stewardship.gatech.edu/energy.php>

Vending Machine Sensors

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Most of the vending machines on campus are efficient, state of the art models. Additionally, during a recent class, EAS 2803, students requested the Student Center implement sensors on a few of the vending machines.

The percentage of vending machines with sensors :

1

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

Energy Management System

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Georgia Tech has building automation and tracking systems in most of the buildings on campus. One example of how Georgia Tech is implementing smart building technology, using a combination of sensors and energy pricing, is available in a Real Time Pricing Article published in ASHRAE's magazine. See the Van Leer Case Study link on the referenced webpage.

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

80

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

While the vast majority of buildings on campus have building automation systems (BAS), they have been installed overtime and integrated to varying degrees based upon when the various building systems were installed and the features that could be integrated into the BAS. In general, temperature setbacks are performed during unoccupied periods. Reduced speeds on fans and pumps are also implemented, where possible, during unoccupied periods.

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

<http://www.stewardship.gatech.edu/energy.php>

Energy Metering

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Meters for all buildings and all utilities has long been on our wish list. Currently seven buildings on campus are fully metered. Most buildings now have electric meters but chilled water and steam meters are being phased in over the next few years.

The percentage of building space with energy metering :

85

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

<http://www.stewardship.gatech.edu/energy.php>

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.

From the institution:

Georgia Tech's trees and green spaces make our campus a lush oasis in downtown Atlanta.

An early adopter of Tree Campus USA, we have recently received our 4th certification from the Arbor Foundation.

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

Integrated Pest Management

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

426 Acres

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

138 Acres

A brief description of the IPM plan(s) :

In addition to utilizing green cleaning methods to reduce the occurrence of pests, Georgia Tech uses Integrated Pest Management (IPM), an effective and environmentally sensitive approach to pest management that relies on a combination of the following common-sense practices designed to reduce the amount of pesticides used in landscape management:

Cultural practices - Selection of native plants, analysis of soil type, location and soil preparation, and planting beds free of weeds and disease material

Identification - Accurate identification of the pest problems and the use of recommended products at proper rates

Intervention - Physical (mowing, pulling and pruning) or chemical (pre-emergence and post emergence)

1. Set Action Threshold and Scouting: Determine acceptable damage threshold in the event of infestation and scout.
2. Prevention: Plant pest resistant varieties; native plants; keep plants healthy; fertilize and water regularly with proper soil preparation. Apply mulch 2 times per year to prevent weeds and increase soil moisture content.
3. Monitor and Identify Pests: Ensure proper pest identification, monitor life cycle and stages of pests, track seasonally to document increase/decrease of pest infestations.

4. Control: When possible, control pests with cultural, mechanical and conventional chemical control. Chemical intervention should be used as a last resort, and when used, should be applied at the recommended lower rate.

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

<http://www.gatech.edu/greenbuzz/faqs>

Native Plants

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

The Landscape Master Plan calls for the predominate use of vegetation native to this Eco-Region (45B) as defined by the EPA.

Our Landscape Mater Plan includes a list of plants appropriate for use in the region.

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

<http://www.space.gatech.edu/landscapeplan/>

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Our campus has designed and is implementing an Eco-Commons on campus. It is a performance landscape approach that includes creating and protecting wildlife habitat on Institute owned land. We have removed surface parking lots and replaced them with wetlands, put them back to their more natural state. Our 13 reforestation projects have provided a habitat for wildlife species even though we are an urban campus.

In addition to many birds, squirrels, and other wildlife seen in urban environments, there have been sightings of foxes in two areas on campus.

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

http://www.space.gatech.edu/landscapeplan/assets/LMP_Final_Draft.pdf

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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

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

Yes

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

An early adapter, Georgia Tech was among the first ten campuses recognized by the Arbor Foundation's Tree Campus USA program. We have been recognized for 4 years as a Tree Campus USA campus.

Georgia Tech has achieved Tree Campus USA status since the inception of the program in 2008 to 2012-an accomplishment that assures students and administration greater opportunities than they may yet realize!

The Tree Campus USA program is an initiative that sprang from a partnership between the Arbor Day Foundation and Toyota Motor North America, Inc., to foster the development of the next generation of tree stewards. The program is designed to award national recognition to college campuses and the leaders of their surrounding communities for promoting healthy urban forest management and engaging the campus community in environmental stewardship.

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

http://www.facilities.gatech.edu/tree_campus_usa.pdf

Snow and Ice Removal

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

The campus has ordered removal snow plow blades. We also begin our efforts to reduce the negative impacts of snow and ice early, before they can accumulate and therefore become a bigger problem than necessary.

The Office of Emergency Preparedness will closely monitor weather conditions and assist Facilities Operations and Maintenance in being aware of the potential for a winter storm. Upon being advised of the potential for a winter storm, it is Facilities Operations and Maintenance responsibility to make sure the necessary people, equipment, and material are in place on Campus and ready to commence with ice and/or snow removal at the appropriate time. Priorities are provided as indicated on the emergency campus map. We are using Ice-melt that is DFE certified, NSF C 1 Registered meeting USDA 1998 Guidelines. Readily Biodegradable per OED or ASTM standards EPA Design for environment recognized. Also, we use sand and have a fleet of 4 snow ploughs and 5 salt and sand salt spreaders.

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

<http://www.gatech.edu/newsroom/release.html?nid=88631>

Landscape Waste Composting

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Grounds keeping waste is generally composted in place - for Grass clippings are recycled through the use of mulching mowers, reducing nitrogen requirements of the soil, and minimizing impact on landfill waste. Leaves are either a) blown into bed areas to serve as natural mulch for plant material, or b) removed to a compost area, where they are allowed to break down until they can be used for soil amendments, etc. The Facilities Landscape Department recycles 98% of all the grass clippings, 80% of all wood products, 97% of fallen leaves and about 25% of pruning products from shrubs on campus.

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

80

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

10

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

http://www.space.gatech.edu/landscapeplan/assets/LMP_Final_Draft.pdf

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.

From the institution:

Georgia Tech has had a green purchasing program since 2003. As a public university we are also subject to the State purchasing programs. The State programs include environmentally responsible purchasing and waste reduction.

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

Computer Purchasing

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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.

Submission Note:

Total expenditures provided for desktop and laptop computers and monitors is a very conservative estimate.

"---" 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://doas.ga.gov/STATELOCAL/SPD/CONTRACTS/Pages/SpdEnviron.aspx>

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

Energy-efficient products allow Georgia agencies to minimize the impact on the environment since the reduced energy consumption saves natural resources and prevents pollution associated with electric utilities. Listed below are some of the energy efficient products that your agency can find on statewide contract.

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

No

Expenditures on EPEAT Gold desktop and laptop computers and monitors :

0 *US/Canadian \$*

Expenditures on EPEAT Silver desktop and laptop computers and monitors :

90000 *US/Canadian \$*

Total expenditures on desktop and laptop computers and monitors :

100000 *US/Canadian \$*

Cleaning Products Purchasing

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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.

Submission Note:

<http://greencleaning.gatech.edu/requirements>

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

"---" 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://www.stewardship.gatech.edu/greencleaning.php>

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

Housing Green Cleaning videos are at this location:

http://www.housing.gatech.edu/facilities/leadingtheway_paper.cfm

The Green Cleaning program at Georgia Tech was established in April 2003 in the Facilities Department. The program started as a grass root effort aimed at providing an environmental preferred method to cleaning the school. Since then, Georgia Tech has distinguished itself as one of the national top public universities committed to “Greening” the cleaning of American schools.

Georgia Tech’s Green Cleaning program has received both local and national recognition.

<http://greencleaning.gatech.edu/>

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 :

16815 *US/Canadian \$*

Total expenditures on cleaning products :

16815 *US/Canadian \$*

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

Office Paper Purchasing

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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://doas.ga.gov/STATELOCAL/SPD/CONTRACTS/Pages/SpdEnviron.aspx>

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

United States EPA – Comprehensive Procurement Guideline

The Comprehensive Procurement Guideline (CPG) program is part of EPA's continuing effort to promote the use of materials recovered from solid waste. Buying recycled-content products ensures that the materials collected in recycling programs will be used again in the manufacture of new products. Access the CPG web site

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

No

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

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

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

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

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

Total expenditures on office paper :

Vendor Code of Conduct

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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.

"---" 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 :

http://doas.ga.gov/StateLocal/SPD/Docs_SPD_Official_Announcements/GeorgiaProcurementManual.pdf

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

[GeorgiaProcurementManual.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 :

Both the Georgia Procurement Manual (url above) and the Georgia Department of Administrative Services (DOAS,

<http://doas.ga.gov/STATELOCAL/SPD/CONTRACTS/Pages/SpdEnviron.aspx>

) address equal opportunity and environmental responsibility as part of state purchasing.

Historically Underutilized Businesses

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Georgia Institute of Technology works with minority, small, and women owned businesses to ensure business requirements are clearly communicated. We are committed to being socially responsible and we take great pride in creating success stories within our minority, small, and women owned businesses supply base (from GT Business Services Site).

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

http://procurement.gatech.edu/small_business.php

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Purchase trees, shrubs, groundcovers, grass seed, herbicides, insecticides, fungicides, hand tools, power tools, and supplies from local area business first. If items are not available from local area businesses then it is ordered from other vendors in the state or regionally.

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

http://www.procurement.gatech.edu/small_business.php

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.

From the institution:

Georgia Tech has had an Alternative Transportation Manager since 1991.

Our campus transportation offerings connect with the city's rapid transit system. Parking and Transportation have implemented cutting edge technology and practices to improve transportation options on campus while increasing efficiency and effectiveness of the services offered to our campus community.

Approximately 41% of our students, faculty and staff use alternative transportation to commute to and from campus.

Ours is a pedestrian and bike friendly campus.

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

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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.

Submission Note:

Georgia Tech is a national leader in supporting alternative transportation commute options, with over 41% of campus students and employees taking advantage of our clean commute programs.

Georgia Tech maintains a campus transit system which provides 2.7 million rides per year, connects with Atlanta's rapid transit system (MARTA), and consists of 22 low sulfur B20 vehicles.

Georgia Tech also provides transit passes for the city's rapid Transit system (MARTA), Georgia Regional Transportation Authority (GRTA) Xpress bus, Cobb Community Transit (CCT) and Gwinnett County Transit.

The Stingerette provides after-hours transportation for Georgia Tech students and employees. The shuttle services Georgia Tech-operated living accommodations, academic buildings and facilities within campus boundaries and the MARTA Midtown Station.

Stinger bus service is provided to a nearby grocery store on Saturdays and Sundays. The Emory Shuttle provides convenient transportation from Georgia Tech to Emory University's Woodruff Circle, which facilitates partnership and our mutual Biomedical Programs.

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

320

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

22

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

0

100 percent electric vehicles in the institution's fleet :

104

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 :

23

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 :

470

Student Commute Modal Split

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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.

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

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

76.10

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 :

23.90

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 :

56

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

4.30

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

9.30

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

2

The website URL where information about alternative transportation is available :

<http://www.stewardship.gatech.edu/alternativetransportation.php>

Employee Commute Modal Split

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

31

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 :

69

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 :

6

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 :

11

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

1

The website URL where information about alternative transportation is available :

<http://www.stewardship.gatech.edu/alternativetransportation.php>

Bicycle Sharing

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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.) :

Georgia Tech launched a bike share program on campus Fall 2011 with a home grown start-up company called viaCycle. The program currently has 40 bikes in the inventory and is looking to expand regionally in Atlanta

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

<http://gt.viacycle.com/>

Facilities for Bicyclists

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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? :

Yes

A brief description of the facilities :

Showers and lockers are available for bike riders in our Campus Recreation Center, Athletic/Practice facilities, and in a couple of mixed use buildings (Clough Undergraduate Commons Building/Library and Klaus Advanced Computing Building).

Residence Halls provide bike storage (Brown Hall, Hayes House, Howell, Smith, Woodruff South, Eighth St, Crecine, Maulding). Our recently LEED EBOM and Gold certified residence hall and former Olympic Village has space for 500+ bikes, including indoor secure bike storage.

There are bike racks throughout campus.

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

<http://www.stewardship.gatech.edu/biking.php>

Bicycle and Pedestrian Plan

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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

Has the institution developed a bicycle plan? :

Yes

A brief description of the plan :

The revised campus Landscape Master Plan (Sept 2011) is a key planning document for all improvements on campus. The Plan includes guidelines, standards and proposals for bike lanes, long-term secured bike parking, short-term parking, and minimum bike parking standards, covered bike parking and bike rack placement.

The 2009 Parking and Transportation Master Plan incorporated bicycles as a significant portion of its analysis, including future connections to surrounding neighborhood for bicyclists and areas on campus that are lacking adequate numbers of bicycle racks.

The website URL where information about the plan is available :

http://space.gatech.edu/landscapeplan/assets/LMP_Final_Draft.pdf

Mass Transit Programs

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 Department of Parking and Transportation's Alternative Transportation Program has been awarded a grant which will allow Georgia Tech to offer a discount of \$10 on the cost of a MARTA monthly transit pass. This discount, which is for faculty and staff of Georgia Tech, will be applied at the time of purchase.

The website URL where information about the program is available :

http://www.pts.gatech.edu/ride/metro_transit/Pages/default.aspx

Condensed Work Week

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

The Georgia Institute of Technology provides a variety of flexible working arrangements, at the discretion of department, to enable employees to serve customers, meet Institute and departmental goals, and balance personal and professional responsibilities. Participating in a flexible working arrangement is a privilege and not a right.

The website URL where information about the program is available :

<http://www.admin-fin.gatech.edu/human/employment/086500.html>

Telecommuting

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Georgia Tech's Office of Human Resources allows each manager/director the flexibility of allowing and promoting telecommuting to their employees to best suit their employees' and department's needs.

The website URL where information about the program is available :

<http://www.ohr.gatech.edu/>

Carpool/Vanpool Matching

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Georgia Tech recently began partnering with Zimride to provide carpool ride matches for commute and recreational trips. Currently there are over 1,500 users and over 200 active ride posts.

A carpool permit allows you and your carpool riders to share the cost of a significantly reduced parking permit. The carpool registration process is available online.

The website URL where information about the program is available :

<http://www.pts.gatech.edu/ride/alternative/carpooling/Pages/Carpooling.aspx>

Cash-out of Parking

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Parking is not offered as a part of an employee's compensation package and thus we do not offer a cash-out program. Everyone, from students to employees, must purchase a parking permit on their own. We feel that this system is even better than a cash-out program at discouraging single-occupancy vehicle trips b/c you must opt-in to parking rather than opting-out and receiving a reward.

The website URL where information about the program is available :

Carpool Discount

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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

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

Yes

A brief description of the program :

Georgia Tech offers a financial discount of up to \$200 for carpoolers. In addition to the discount, Georgia Tech allows participants to split the cost of the permit between multiple participants.

The website URL where information about the program is available :

<http://www.pts.gatech.edu/ride/alternative/carpooling/Pages/Carpooling.aspx>

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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

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

Yes

A brief description of the incentives or programs :

Georgia Tech provides fare-free transit service to several adjacent neighborhoods as well as the nearest MARTA train station (Midtown Station). Both of these transit options, in conjunction with the cost of parking on campus, encourage and incentivize employees and students to live within close proximity to our campus transit system.

Georgia Tech Family Housing also provides on-campus housing to faculty and staff and campus transit provides service to this apartment facility.

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

http://pts.gatech.edu/ride/routes_schedules/Pages/routes_schedules.aspx

Prohibiting Idling

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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

Has the institution adopted a policy prohibiting idling? :

No

A brief description of the policy :

The website URL where information about the policy is available :

Car Sharing

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Georgia Tech has 12 ZipCar vehicles located on its main campus, with many more available in surrounding neighborhoods. This past year Georgia Tech increased our ZipCar fleet by 50% to provide better car sharing access to campus residents and employees.

Georgia Tech also lists all the Zipcar vehicle locations on our transit maps around campus to better advertise their locations to the campus community.

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

<http://www.zipcar.com/gt>

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.

From the institution:

Call it "practical". Call it "common sense." Reducing the amount of waste produced through using less, reusing more, and rethinking processes is both a tradition of Georgia Tech engineers and consistent with the 3 R's: Reduce, Reuse, and Recycle.

Georgia Tech has had a full time Recycling Manager since 1996. Our programs continue to evolve and are nationally recognized.

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

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

608 Tons

Weight of materials composted, 2005 baseline year :

0 Tons

Weight of materials disposed as garbage, 2005 baseline year :

7799 Tons

Weight of materials recycled, performance year :

1359 Tons

Weight of materials composted, performance year :

297 Tons

Weight of materials disposed as garbage, performance year :

7895 Tons

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

FY 2010 July 1, 2010 -J une 30, 2011

On-campus residents, 2005 :

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

7200

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

15000

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

920

On-campus residents, performance year :

9540

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

18441

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

1286

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

FY 2011

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 :

Georgia Tech has the first Institute of higher education to join the Zero Waste Zone program within Atlanta and nationally. The program began in Atlanta and has since been adopted by the National Restaurant Association. Georgia Tech had implemented many of the program's major programs in the 3 years prior to joining the program.

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

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

Waste Diversion

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

1359 Tons

Materials disposed in a solid waste landfill or incinerator :

7895 Tons

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

Diverted materials include mixed office paper, aluminum cans, plastic bottles and containers, glass bottles and jars, corrugated cardboard, mixed metals, E-waste, food waste, confidential materials, pallets, motor oil and filters, tires, batteries, hardback books, clothing and household goods, and nonperishable food.

Construction and Demolition Waste Diversion

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

3238 Tons

Amount of construction and demolition materials landfilled or incinerated :

100 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 :

Georgia Tech demolition and construction waste has typically been recycled. However, in the last five years, we are tracking what our recycled percentage is.

Electronic Waste Recycling Program

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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? :

No

A brief description of steps taken to ensure that e-waste is recycled responsibly, workers' basic safety is protected, and environmental standards are met :

As a public university within the University System of Georgia, Georgia Tech complies with the state recycling programs.

<http://doas.ga.gov/StateLocal/Surplus/Pages/StateSurplusDisposal.aspx>

A brief description of the electronic waste recycling program for institution-generated materials :

Electronics represent a special disposal concern to the state for two reasons: some components are classified as hazardous and the equipment of others may contain sensitive or security-related information. Surplus Property has a contract to pick up any accumulation of electronics from any state agency and dispose of it through complete de-manufacturing (shredding). See the Surplus Property Manual, Chapter 15, for details.

http://doas.ga.gov/StateLocal/Surplus/Docs_SurplusStateGov/DisposalProcessChart.pdf

A brief description of the electronic waste recycling program for student-generated materials :

Students are encouraged to recycle their electronic waste at EarthDay, when on campus ewaste recycling is conducted.

During the rest of the year, information on local ewaste recycling programs is available to direct students to locations for ewaste recycling.

Battery recycling is available year round on campus.

The website URL where information about the e-waste recycling program is available :

<http://www.stewardship.gatech.edu/recycling.php>

Hazardous Waste Management

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

Georgia Tech's Environmental Health and Safety Department provides training on the proper treatment of hazardous, universal and non-regulated chemical waste. A description of the training and policies is available at

<http://www.ehs.gatech.edu/hazardous/>

A brief description of how the institution safely disposes of hazardous, universal, and non-regulated chemical waste :

Georgia Tech works to minimize the amount of hazardous, universal, and non-regulated chemical waste by proactively meeting with and discussing projects before they are begun and materials are ordered. Next, Georgia Tech's EHS (Environmental Health and Safety Department) works collaboratively with campus stakeholders to safely store, manage, and dispose of their waste materials in a timely and safe manner. When appropriate materials are neutralized before leaving campus. Procedures are in place and reviewed periodically to ensure the safe handling and disposal of potentially hazardous was, universal and non-regulated chemical waste.

The website URL where information about hazardous materials management is available :

<http://www.ehs.gatech.edu/hazardous/>

Materials Exchange

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

An office supply exchange is conducted annually at Georgia Tech's Earth Day Celebration. Office supplies are dropped off in advance at the Office of Solid Waste Management & Recycling to be inventoried. OSWM&R staff members also pick up office supplies from departments that donate large quantities of materials. At the Earth Day Celebration, students, faculty and staff can shop for free by showing their Georgia Tech ID cards. An estimated \$17,600 worth of office supplies were exchanged at the 2011 Earth Day Celebration.

The website URL where information about the program is available :

http://www.earthday.gatech.edu/office_supply_exchange.html

Limiting Printing

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Beginning March 15,2010, double-sided printing will be the default option for all computers in the library. The result of an initiative led by the library's Student Advisory Board and the Student Government Association's Sustainability Task Force, both groups anticipate that the switch to double-sided printing will help conserve resources.

<http://www.gatech.edu/newsroom/release.html?nid=54929>

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

<http://www.library.gatech.edu/services/printing.php>

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Registration at Georgia Tech is online. Course catalogs are online.

The website URL where information about the practice is available :

<http://www.catalog.gatech.edu/index.php>

Chemical Reuse Inventory

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Georgia Tech implemented a chemical inventory and safety systems in 2005. It includes the option to list surplus chemicals so others at the Institute that might need them can use them. It makes our labs safer for not having excess and or unwanted chemicals in storage. It is more economical to use up what we already have on campus than buying new containers of chemicals.

The website URL where information about the practice is available :

<http://www.ehs.gatech.edu/chemical/>

Move-In Waste Reduction

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Georgia Tech's Move-in Recycling Program enables students to recycle their moving boxes by setting up temporary recycling sites throughout the residential areas of campus during the week of move-in. During the fall 2011 student move-in, 14,535 pounds of cardboard were collected in just one week.

Housing, student volunteers, and Recycling provide this service to campus.

The website URL where information about the program is available :

<http://www.recycle.gatech.edu/programs/movein.php>

Move-Out Waste Reduction

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Georgia Tech has had a Move-Out Program since 1998. When students move out of their dorms and sorority/fraternity houses in the spring, they leave behind thousands of pounds of food, clothes and household items that they no longer need. Students also generate a significant amount of recyclable materials, such as office paper, as they clean out their rooms. Our Move-out program students with a sustainable alternative to throwing these items away, by donating them to local charities, including the Atlanta Community Food Bank, the Day Shelter for Women and Children, and the Atlanta Union Mission

The website URL where information about the program is available :

<http://www.recycle.gatech.edu/programs/moveout.php>

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.

From the institution:

"Georgia Tech strives to improve the science and practice of water resources planning and management in ways that balance quality of life, environmental sustainability, and economic growth. Tech pursues this mission through its education, research, information dissemination, and technology/knowledge transfer programs at the state, national, and international levels."

<http://www.gwri.gatech.edu/>

Credit
Water Consumption
Stormwater Management
Waterless Urinals
Building Water Metering
Non-Potable Water Usage
Xeriscaping
Weather-Informed Irrigation

Water Consumption

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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.

Submission Note:

Georgia Tech was reduced its water consumption per gsf by 23% between 2001 and 2007. All fixtures have updated to be low flow.

Additionally, non-potable water is used for approximately 50% of irrigation. Smart irrigation is also in place across campus.

Georgia Tech has worked for many years to reduce water leaks on campus. We have also worked with the City to identify where all of the water meters were on campus. Recently, Georgia Tech's water conservation efforts met with the mixed blessings of the City being able to bill for all meters on campus, after many years of working together to make it happen. Prior to being fully metered and billed, we had made significant progress in reducing our known water consumption. Now, with more complete metering and billing, our water consumption has gone up in spite of our many efforts to conserve water. We will work to renew our many efforts to reduce water consumption and conserve this precious resource.

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

Water consumption, 2005 baseline year :

317064195 Gallons

Water consumption, performance year :

357961929 Gallons

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

FY 2011

On-campus residents, 2005 :

7200

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

15000

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

920

On-campus residents, performance year :

9540

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

18441

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

1286

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

FY2011

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 :

Georgia Tech has implemented 100% low flow fixtures across campus. Our Design and Construction Standards (The Yellow Book includes low water fixtures to the California standards). Smart irrigation is implemented along with cisterns to capture condensate water and stormwater runoff so as to reduce the use of potable water on campus. Our newest building using cistern water to flush toilets and otherwise provide 89% of the water needs of that building. We have approximately 2,225,000 gallons of cisterns in place to capture and store condensate and stormwater for reuse on campus. 50% reduction of stormwater runoff is our goal.

The website URL where information about the institution's water conservation initiatives is available :

<http://www.stewardship.gatech.edu/potablewater.php>

Stormwater Management

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 2004 Campus Master Plan Update included a goal of reducing stormwater runoff from campus by 50%, back to the level of the 1950's.

Georgia Tech has removed surface parking lots, added pervious surfaces, and implemented 13 reforestation projects on campus since 2006 to reduce stormwater runoff from campus.

We have also implemented 2, 2250,000 gallons of cisterns to collect rainwater, condensate water, and stormwater run off for reuse in smart irrigation and toilet flushing on campus. We believe our 1,400,000 cistern is the largest cistern on a US Campus.

The website URL where information about the institution's stormwater management initiatives, plan or policy is available :

<http://www.stewardship.gatech.edu/potablewater.php>

Does the institution have a living or vegetated roof? :

Yes

A brief description of the institution's living or vegetated roof :

Our new Undergraduate Learning Commons is a 220,000 gsf sustainability showcase which includes a lovely garden roof and solar PV/thermal system of 86kw. We estimate 89% of the water used in the building is from our 1.4 million gallon cistern. 6.5% of the building's energy needs are met via renewable energy.

Our new North Avenue Dining Hall was designed as a green dining hall and has a green roof.

Does the institution have porous paving? :

Yes

A brief description of the institution's porous paving :

Porous paving is used in the walkways around Klaus Atrium Plaza, the Triangle area and the walkway through the Forest. Brick pavers are laid on sand base and crushed slate walkway at the Ajax Park.

Does the institution have retention ponds? :

Yes

A brief description of the institution's retention ponds :

Retention ponds were early steps in the building of our Eco-Commons. The Eco-Commons is a campus wide greenscape with performance criteria. Two of our larger retention points are located between the BioTech Quad and the President's house. Under ground retention at Ajax Park, concrete retention ponds at 811 and 854 Marietta Streets, Tech square and Techway.

Does the institution have stone swales? :

Yes

A brief description of the institution's stone swales :

When we designed and built our first LEED Certified building, which was completed in 2006, we included 170,000 gallon cisterns and stone swales. Since then, a variety of bioswales have been implemented across campus.

The river rock swales at Boggs, Klaus and the Area 1 lot on North Avenue are part of the storm water management program at Tech.

Does the institution have vegetated swales? :

Yes

A brief description of the institution's vegetated swales :

Yes, vegetative swales are a natural on our campus. They vary from small subtle but effective swales to larger, very pronounced swales.

Vegetative swales were included in the recently completed construction of the Area 1 lot on North Avenue.

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 :

Cisterns are prevalent on our campus. Cisterns are used at Klaus, ES&T, MS&E, Nanotechnology, Old CE, Softball, Clough Commons, etc to collect and store rainwater runoff, HVAC condensate, roof tops and landscape surface water for irrigation and non portable use.

Resurfacing natural streams that were covered over at the turn of the century helps restore the natural water sheds on campus.

Our 2005 tree survey indicated we have over 5000 trees on our 440 acre campus in the heart of Atlanta, the cultural and economic center of the Atlanta metropolitan area, which is home to 5,268,860 people and is the ninth largest in the U.S. Since 2006 over 2000 trees have been planted on campus.

Waterless Urinals

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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

Does the institution use at least one waterless urinal? :

Yes

A brief description of the technology employed :

The cartridge style of waterless urinals are in use in our College of Computing, Klaus Advanced Computing Building, which is LEED Gold certified.

The website URL where information about the technology is available :

<http://www.gatech.edu/conservation/measures.html>

Building Water Metering

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Seven buildings on campus are fully metered - electricity, water, chilled water (cooling) and steam (heat).

Georgia Tech has worked for years with the City of Atlanta to find all of the water meters for campus. Recently, the City moved to water meters that can be read via wireless technology.

The percentage of building space with water metering :

80

The website URL where information about the practice is available :

<http://www.stewardship.gatech.edu/>

Non-Potable Water Usage

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Georgia Tech has 2,225,000 gallons of cisterns in use on campus. They collect rainwater, condensate water (from removing humidity in our buildings air, primarily via air conditioning), stormwater runoff, and recaptured streams that were covered at the turn of the century and recently brought back to the surface.

The percentage of irrigation water usage from recovered, reclaimed or untreated sources :

80

The percentage of building space using water from recovered, reclaimed or untreated sources :

56

The percentage of water used in utility plants from recovered, reclaimed or untreated sources :

10

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

<http://www.stewardship.gatech.edu/potablewater.php>

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Georgia Tech is unique in that it has a Landscape Master Plan and a Land Use Plan in addition to its Campus Master Plan.

Xeriscaping is a significant feature in our Landscape Master Plan and Eco-Commons performance landscaping.

Landscape design for the campus landscape follows the seven Xeriscape principles; planning and design, soil analysis, practical turf areas, appropriate plant selection, efficient irrigation, use of mulching and appropriate maintenance program. Klaus, ES&T, Old CE, etc. use drought tolerant native plants as part of the Xeriscape program on campus.

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

<http://www.space.gatech.edu/landscapeplan/>

Weather-Informed Irrigation

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Housing piloted smart irrigation on campus. It worked so well that it is now practiced campus wide. We have developed an Irrigation Master Plan which ties together the Cistern Master Plan, performance landscaping, smart irrigation, and Landscape Master Plan.

GT Landscape Services use smart controllers as described in page 293, section 2.01 of the Board of Regents office of Facilities Design and Construction Architecture and Engineering Design Standards for Building Technology (GT – Yellow Book).

The weather sensors adjust the water usage on every zone by using daily ET Rate and Measured Rain fall to subtract from the ET Rate to only apply the water need for the next irrigation cycle.

The website URL where information about the practice is available :

<http://www.stewardship.gatech.edu/potablewater.php>

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.

From the institution:

“An innovative learning environment must also be an exciting place to work, live, and relax. Our community will include social and cultural aspects that complement our research and academic dimensions. As a test bed for research and innovation in the urban environment, it will become a laboratory for sustainable economic and social development that promotes technological change while celebrating the human spirit.” —Georgia Tech Strategic Plan

Credit
Sustainability Coordination
Strategic Plan
Physical Campus Plan
Sustainability Plan
Climate Action Plan

Sustainability Coordination

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

Committee works to further sustainability across campus consistent with Strategic Plan, Campus Master Plan, and campus standards.

Members of the committee, including affiliations :

Steve Swant, EVP Administration and Finance

Amir Rahnamay-Azar, Senior VP Admin & Finance

Marcia Kinstler, Sustainability Director

Howard Wertheimer, Director Capital Projects and Space Management (CPSM)

Scott Jones, Director Construction and Design

Chuck Rhode, VP Facilities

Alan Balfour, Dean College of Architecture

Campus Master Planning Committee members called upon as needed

Student Representative on Planning and Design Committee

Student Representative in CPSM

Other Campus Experts consulted informally or via subcommittees and task forces

The website URL where information about the sustainability committee is available :

<http://www.stewardship.gatech.edu/>

Does the institution have a sustainability office? :

Yes

A brief description of the sustainability office :

Office of Environmental Stewardship houses Sustainability Director. Works across campus, academics, and research community on campus to support and communicate Institute's sustainability progress. Provides outreach and communication of Institute's sustainability progress outside the Institute.

The number of people employed in the sustainability office :

1

The website URL where information about the sustainability office is available :

<http://www.stewardship.gatech.edu/>

Does the institution have a sustainability coordinator? :

Yes

Sustainability coordinator's name :

Marcia Kinstler

Sustainability coordinator's position title :

Sustainability Director

A brief description of the sustainability coordinator's position :

Sustainability Director reports to Senior Vice President of Administration and Finance.

The website URL where information about the sustainability coordinator is available :

<http://www.stewardship.gatech.edu/>

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

2010

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 :

The most difficult challenges of the future — such as energy, water, sustainability, security, poverty/development, and natural disasters—will require global solutions, and Georgia Tech will be engaged around the world in developing these solutions. Teams at the Institute are already working on solutions for making solar energy economical, improving environmental and economic sustainability, providing access to clean water, improving the urban infrastructure, advancing health informatics, curing diseases, and securing cyberspace. New interdisciplinary fields are emerging that span technology, science, policy, business, law, and the arts, and these interactions are reshaping how we both view the world, and define and solve problems.

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 :

Mission

Technological change is fundamental to the advancement of the human condition. The Georgia Tech community—students, staff, faculty, and alumni—will realize our motto of “Progress and Service” through effectiveness and innovation in teaching and learning, our research advances, and entrepreneurship in all sectors of society. We will be leaders in improving the human condition in Georgia, the United States, and around the globe.

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 :

Goal 3: Ensure That Innovation, Entrepreneurship, and Public Service are Fundamental Characteristics of Our Graduates

Strategy 1 Establish world-class initiatives to serve Georgia Tech, the state, and other strategic national and international partners

Strategy 2 Innovate in how we incentivize and support commercialization

Strategy 3

Serve in state, national, and global leadership positions

The website URL where information about the strategic plan is available :

<http://www.gatech.edu/vision/>

Physical Campus Plan

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 2004 Campus Master Plan Update included as one of its goals: Open Space and Pedestrian Circulation

The CMPU recommends that open space on the Georgia Tech Campus play a significant role in achieving the goals of sustainability and livability. This requires a new approach to open space.....

A new Campus Master Plan is in development now. Several preliminary studies from the last few years are in place to help begin the formal Master Plan Update process.

The year the physical campus plan was developed or adopted :

2004

The website URL where the physical campus plan is available :

<http://www.space.gatech.edu/masterplan/>

Sustainability Plan

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

Input from students, faculty, researchers, staff, the neighboring communities, the business community, government representatives and alumni has been solicited on numerous occasions and continues to be heard.

A brief description of the plan's measurable goals :

Georgia Tech has committed to reduce the MMBTU's used per square foot, relative to 4Q2007, by 15% by 2020. It has committed to be carbon neutral by 2050 as part of the the ACPUCC. It has also committed to reduce its stormwater runoff by 50% (back to the levels of 1950's).

A brief description of how progress in meeting the plan's goals is measured :

Georgia Tech tracks its energy and water usage. We participate in LEED certifications and public sustainability surveys that also track our progress publicly. Internal measurements include typical operational reporting to monitor our progress and performance on a regular basis.

The website URL where more information about the sustainability plan is available :

<http://www.stewardship.gatech.edu/>

The year the plan was developed or last updated :

2011

Climate Action Plan

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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*.

Submission Note:

40% reduction in 2040

100% reduction in 2050

"---" 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 :

Georgia Tech has committed to be carbon neutral by 2050 as part of the the ACPUCC.

A brief summary of the climate plan's short-term goals :

Georgia Tech has committed to reduce the MMBTU's used per square foot, relative to 4Q2007, by 15% by 2020.

Year the climate plan was formally adopted or approved :

2007

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 :

1, 2, and 3

The reduction level (percentage) institution has committed to :

15

The baseline year the institution used in its GHG emissions commitment :

Nov. 15, 2007

The baseline emissions level institution used in its GHG emissions commitment :

325,066

The target year the institution specified in its GHG emissions commitment :

Dec. 29, 2020

The website URL where information about the climate plan is available :

<http://rs.acupcc.org/cap/224/>

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.

From the institution:

“We will recruit, develop, retain, and engage a diverse cadre of students, faculty, and staff with a wide variety of background, perspectives, interests, and talents, creating a campus community that exemplifies the best in all of us—in our intellectual pursuits, our diversity of thought, our personal integrity, and our inclusive excellence.” —Georgia Tech Strategic Plan

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

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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.

Submission Note:

Georgia Tech is among the nation's top producers of women and minority engineers. 2011 was the fourth consecutive year, Georgia Tech's College of Engineering has been ranked no. 1 in the U.S. for Hispanic graduate students by Hispanic Business magazine.

"---" 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 DPC charges include:

1. Identify and catalogue existing Institute programs/initiatives that address gender and racial/ethnic diversity for faculty, staff and students;
2. Identify and catalogue existing Institute initiatives that address education and training around issues of bias and diversity equity;
3. Identify and catalogue existing funded research that address gender and racial/ethnic diversity in STEM;
4. Develop strategies to promote collaborations and multidisciplinary initiatives that leverage existing and potential efforts to address broadly the agenda of gender and diversity equity in STEM.

Members of the committee, including job titles and affiliations :

Members of the committee, including affiliations:

Archie Ervin, VP for Institute Diversity

Sandra Duplessis - VPID

Denise Johnson-Marshall - Office of the Dean of Students Chris Burke - Government and Community Relations

Mollie Mayfield - Athletics

Stella Richardson - Library

Kenyona Russell - Enrollment Services

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

John Schultz - Ombudsman
Amy Bondurant - FTRI -Human Resources
Felicia Benton-Johnson - College of Engineering
Leslie Sharp - College of Architecture
Sheila Schulte - Office of International Education
Nancy Ruggeri - Center for the Enhancement of Teaching & Learning - CETL
Rigoberto Hernandez - Chemistry and Biochemistry
Kate Wasch - Legal Affairs
Wing Suet Li - Mathematics - COS ADVANCE Professor
Cheryl Cofield - Office of Human Resources
Ann Gerondelis - College of Architecture
Margie Brown - GTRI
Nicole Leonard - Honors Program
Jilda Garton - Georgia Tech Research Corp.

The website URL where information about the diversity and equity committee is available :

<http://www.stewardship.gatech.edu/diversity.php>

Does the institution have a diversity and equity office? :

Yes

A brief description of the diversity office :

The Office of the Vice President Institute Diversity (VPID) provides Institute leadership to establish priorities, policies, and programs that support our mission as a leading technological university in the 21st century. The VPID works with the executive leadership team of the Institute to ensure that we recruit, develop, retain and engage a diverse cadre of students, faculty, and staff with a wide variety of backgrounds, perspectives, interest and talents who will contribute to our mission and vision. The VPID also works with campus leaders to ensure that our core values of diversity, equity, and inclusion are embedded in equal opportunity and non-discrimination practices. A strong partnership with the Offices of Human Resources, Legal Affairs, and the Division of Student Affairs ensures our compliance with all federal and state laws regarding Equal Opportunity, Title IX, and The Americans with Disabilities Act.

The number of people employed in the diversity office :

22

The website URL where information about the diversity and equity office is available :

<http://www.diversity.gatech.edu/>

Does the institution have a diversity and equity coordinator? :

Yes

Diversity coordinator's name :

Archie Ervin

Diversity coordinator's position title :

Vice President for Diversity

A brief description of the diversity coordinator's position :

Dr. Ervin's overarching operational responsibility as Vice President is to provide Institute level leadership and oversight for Georgia Tech's diversity, equity and inclusion agendas. The Vice President for Institute Diversity is a member of the President's Cabinet where he helps to set institutional priorities, policies, programs and initiatives to enhance gender, racial, ethnic and social diversity in its faculty, staff and student communities. The Vice President for Institute Diversity (VPID) oversees the Georgia Tech ADVANCE Professorships that seek to transform and enhance gender diversity in the faculty and the Center for Women, Science and Technology, headed by three senior faculties, which links the study of science and technology to those of gender, culture and society. The VPID Office is also responsible for OMED Education Services and the Office for Hispanic Initiatives; two support units that address academic transition and academic success (retention and graduation) for women, historically underserved and low populations.

The website URL where information about the diversity and equity coordinator is available :

<http://www.diversity.gatech.edu/>

Measuring Campus Diversity Culture

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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? :

No

A brief description of the assessment(s) :

Georgia Tech announced it plans to perform a climate assessment survey on campus.

Year the assessment was last administered :

A brief description of how the results of the assessment(s) are used in shaping policy, programs, and initiatives :

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

Support Programs for Underrepresented Groups

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

Challenge is a signature bridge program. It is a five-week, intensive program that is held every summer for incoming Georgia Tech freshman. In Challenge, students are immersed in the Georgia Tech environment; they live in a freshman dorm, take classes provided by Georgia Tech professors, and participate in social and academic workshops provided by upper-class Tech students.

OMED TRANSITIONS is a one-day program designed to help acclimate you to the academic and social environments at Georgia Tech. You will be introduced to the many resources available for you here at Georgia Tech and will have the opportunity to network with faculty, staff and current students.

OMED's Team Coach is a peer mentoring program that supports Tech freshmen, dual degree, and transfer students academically and socially throughout their first year. Upperclassmen, serving as coaches, mentor participants as they acclimate to the new responsibilities and challenges of Georgia Tech.

Hispanic Initiatives offers and supports programs designed to recruit, retain, and promote the success of students of Hispanic/Latino origin. The programs promote sustainable change, have a long-term impact on the campus, and enhance the personal and professional development of Hispanic/Latino students with the support and involvement of the Georgia Tech community, including faculty, staff, and alumni. Hispanic Initiatives' role and contributions have been instrumental to the success achieved in the recruitment and retention of Hispanic students during the past several years.

A brief description of the programs sponsored by the institution to support underrepresented groups within the faculty :

Minority Faculty Development Workshop

The Minority Faculty Development Workshop (MFDW), supported by the National Science Foundation, offers career development opportunities to African American, Hispanic, and Native American graduate or postdoctoral students.

College of Engineering Faculty Mentoring Award

The faculty of a university is one of the most important factors in creating an intellectually enriching environment for students and each other, the Georgia Tech College of Engineering recognizes the importance of providing research and teaching development for faculty members. To recognize the efforts of the many faculty members on campus who already mentor other faculty members, and to encourage mentoring among the faculty, the College of Engineering and the SUCCEED Faculty Development Program at Georgia Tech have established the College of Engineering Faculty Mentoring Award.

The College of Engineering Faculty Mentoring Award recognizes a Georgia Tech mentor and mentee who together have demonstrated an exemplary teaching and/or research mentoring partnership. Both the mentor and mentee must be permanent Georgia Tech employees who are academic faculty. Thus, nominees may be of the same or different ranks, and of the same or different schools. The award will be given annually and will consist of \$5,000 to be equally shared between the faculty members to enhance their teaching, research, and/or mentoring activities at Georgia Tech, and \$5,000 to the school of the faculty recipients to be utilized to enhance faculty mentoring activities within the school.

Goizueta Foundation Endowment

Georgia Tech established a comprehensive package to support Hispanic students and faculty through permanent scholarship and fellowship endowments using a gift from The Goizueta Foundation, established by the late CEO and chairman of the board of directors of the Atlanta-based Coca-Cola Company, Roberto C. Goizueta.

The package created an endowed chair and an endowed professorship, plus support for new undergraduate scholarships and graduate fellowships – all with preferences for people of Hispanic origin. In addition, the gift funds a staff position tasked with overseeing Tech's efforts to recruit and retain Hispanic students.

Colleges and Universities (HBCUs)/Minority Institutions (MIs) Research Outreach Program

Georgia Tech has created a Web site to assist its faculty members in undertaking research collaborations with their counterparts at HBCUs/MIs. This site identifies the research programs and faculty at HBCU/MI institutions available to participate in joint proposals on a broad cross-section of research topics. The website also offers information about services and resources available to Georgia Tech faculty seeking research collaborations with HBCU/MI faculty. The Web site will continue to update collaborators and resources for the Tech community.

<http://www.diversity.gatech.edu/initiatives/faculty>

A brief description of the programs sponsored by the institution to support underrepresented groups within the staff :

Diversity initiatives for staff are organized and led by the Office of Human Resources which has designed a people strategy with workforce goals in support of performance excellence. Policies and programmatic support that build community and foster inclusion are indicated below.

Mentoring and Networking

Mentoring has been cited as best practices in industry and in higher education. Research studies show that people who have mentors are

more successful in their careers. Georgia Tech supports the practice of mentoring and values this powerful tool to engage employees, and promote employee career and leadership development.

Mentor Tech

Mentor Tech is an Institute-sponsored program run by the Office of Human Resources. The nine-month program seeks to empower employees to further their career development by tapping into the wealth of experience and talent possessed by other Georgia Tech employees. The three objectives of Mentor Tech are (1) to offer professional career and leadership development, (2) to provide an informal advisor to help others succeed and grow in the Georgia Tech environment, and (3) to enhance performance in current employment role. The program also exposes participants to diversity issues at Georgia Tech.

For more information on Mentor Tech, contact Deborah Covin Wilson.

Informal Mentoring and Networking Opportunities

"Opportunities" is a focused initiative for the staff in parallel with faculty initiatives of this kind. Periodic networking opportunities are designed to further informal connections that will assist employees with successfully navigating their careers at Georgia Tech and beyond. Such initiatives have included: Minorities in Management; Women Leading@ Tech; and a Diversity Roundtable inclusive of a diverse cross-section of staff employees. Emerging plans include enhancing the performance management system with robust career intelligence and talent management components. Informal learning and development opportunities will continue to be a part of these plans.

For more information about how you can get involved, please contact Pearl Alexander, Senior Director for Human Resources and Diversity Management.

Workplace Education Programs

The workplace education program at Georgia Tech is comprised of three components: GED/Skills Enhancement, English as a Second Language (ESL), and Workplace Spanish. Each of the three components requires commitment from the Institute, department, and the employee in order to be successful.

GED/Skills Enhancement Program

The objective of this program is to improve the basic reading, language, and math skill levels of employees, which will enable them to work to obtain a GED. This program also assists employees who already possess a GED or high school education but need to improve their skills. Several outcomes can be achieved through this program: (1) improved employee retention rates, (2) improved employee morale, (3) improved overall skill level of the workforce, and (4) increased potential for upward mobility.

English as A Second Language (ESL)

The objective of this program is to provide basic English language communication skills to employees with little or no English proficiency. As Georgia Tech continues to identify and recruit from a diverse pool of applicants, one of the barriers to successful employment is the lack of the ability to orally communicate in English. Many companies have found that providing these skills increased loyalty, reduced turnover rates, and increased the opportunity for upward mobility.

Workplace Spanish

The objective of this program is to provide supervisors and other employees with basic Spanish skills in order to communicate effectively with employees with little or no English proficiency. This program works hand in hand with the ESL program. As more employees are hired who are non-English speakers, there is a need to communicate effectively with them. This class is also becoming a necessity for many of our employees who serve our diverse student body.

For more information on Georgia Tech's Workplace Education Programs, contact Deborah Covin Wilson.

Work/Life

Human Resources provides guidance on the implementation of flexible work arrangements, and in partnership with other campus units,

promotes employee work/life programs. For more information visit

www.ohr.gatech.edu/worklife

<http://www.diversity.gatech.edu/initiatives/staff>

The website URL where more information about the programs in each of the three categories is available :

<http://www.diversity.gatech.edu/>

Support Programs for Future Faculty

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

ADVANCE - The National Science Foundation ADVANCE Program seeks to increase the participation of women in the scientific and engineering workforce through the increased representation and advancement of women in academic scientific and engineering careers.

WST - The Center for the Study of Women, Science, and Technology links issues in the study of science and technology with those of gender, culture, and society. The center brings together faculty and students, addressing issues of gender, science, and technology in research and programmatic initiatives.

The website URL where more information about the program(s) is available

<http://www.wst.gatech.edu/>

<http://www.advance.gatech.edu/>

The website URL where more information about the program(s) is available :

<http://www.wst.gatech.edu/>

Affordability and Access Programs

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

A brief description of the institution's policies and programs to minimize the cost of attendance for low-income students? :

As a public institution and member of the University System of Georgia, the cost of attendance for both our resident and non-resident students is lower than our peer institutions. In 2010-2011 the Office of Scholarships and Financial Aid awarded more than \$ 183 million to more than 13,200 recipients. Of this total, \$ 127 million was awarded 7,500 students with demonstrated financial need. We would like to highlight the G. Wayne Clough Georgia Tech Promise Program that was launched in 2007 that is uniquely designed to provide access and opportunity to the neediest of our undergraduates from Georgia. The G. Wayne Clough Georgia Tech Promise Program is available to dependent Georgia residents pursuing their first undergraduate degree who meet the eligibility requirements. The program is intended

to assist Georgia students whose families have an annual income of less than \$33,300. The program provides a “debt free degree” and recipients are awarded scholarships and grant and a work study job that meet their full need.

<http://www.promise.gatech.edu/>

A brief description of the institution’s programs to equip the institution's faculty and staff to better serve students from low-income backgrounds :

Academic Faculty Initiatives

Minority Faculty Development Workshop

The Minority Faculty Development Workshop (MFDW), supported by the National Science Foundation, offers career development opportunities to African American, Hispanic, and Native American graduate or postdoctoral students.

College of Engineering Faculty Mentoring Award

The faculty of a university is one of the most important factors in creating an intellectually enriching environment for students and each other, the Georgia Tech College of Engineering recognizes the importance of providing research and teaching development for faculty members. To recognize the efforts of the many faculty members on campus who already mentor other faculty members, and to encourage mentoring among the faculty, the College of Engineering and the SUCCEED Faculty Development Program at Georgia Tech have established the College of Engineering Faculty Mentoring Award.

The College of Engineering Faculty Mentoring Award recognizes a Georgia Tech mentor and mentee who together have demonstrated an exemplary teaching and/or research mentoring partnership. Both the mentor and mentee must be permanent Georgia Tech employees who are academic faculty. Thus, nominees may be of the same or different ranks, and of the same or different schools. The award will be given annually and will consist of \$5,000 to be equally shared between the faculty members to enhance their teaching, research, and/or mentoring activities at Georgia Tech, and \$5,000 to the school of the faculty recipients to be utilized to enhance faculty mentoring activities within the school.

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The package created an endowed chair and an endowed professorship, plus support for new undergraduate scholarships and graduate fellowships – all with preferences for people of Hispanic origin. In addition, the gift funds a staff position tasked with overseeing Tech’s efforts to recruit and retain Hispanic students.

Colleges and Universities (HBCUs)/Minority Institutions (MIs) Research Outreach Program

Georgia Tech has created a Web site to assist its faculty members in undertaking research collaborations with their counterparts at HBCUs/MIs. This site identifies the research programs and faculty at HBCU/MI institutions available to participate in joint proposals on a broad cross-section of research topics. The website also offers information about services and resources available to Georgia Tech faculty seeking research collaborations with HBCU/MI faculty. The Web site will continue to update collaborators and resources for the Tech community.

A brief description of the institution's programs to prepare students from low-income backgrounds for higher education :

Student Initiatives

FOCUS

The FOCUS program, held annually during the Martin Luther King Jr. holiday, is designed to give undergraduate African Americans an opportunity to visit Georgia Tech, receive an overview of the graduate degree programs and participate in the holiday celebration. FOCUS attracts the finest minority undergraduates to Tech's graduate programs. This recruitment program also provides students with financial aid information and assists them in the overall decision-making process when selecting a graduate school.

Summer Undergraduate Research in Engineering/Science Program (SURE)

SURE is a ten-week summer research program designed to attract qualified minority students into graduate school in the fields of engineering and science. Approximately thirty undergraduate students are recruited on a nationwide basis and paired with both a faculty and a graduate student mentor to undertake research projects in the College of Engineering, College of Sciences, and the Packaging Research Center.

Facilitating Academic Careers in Engineering and Science (FACES)

FACES is a National Science Foundation-sponsored effort between Georgia Tech, Emory, Morehouse, and Spelman. The program aims to increase the number of African Americans attaining doctorates in engineering and science. The ultimate goal of the FACES program is to alter the "face" of the engineering and science professoriate, such that it includes a greater number of African Americans.

Building Engineering and Science Talent (BEST)

Georgia Tech is a partner in the BEST initiative to increase the representation of women and minorities in the technical workforce.

SECME Program: STEMulating Minds

SECME is a STEM Pre-College Program founded in 1975 as the "Southeastern Consortium for Minorities in Engineering" by the Deans of Engineering at six southeastern universities, including Georgia Tech. This unique alliance of K-12 educators, universities, industry and parents was intended to resolve two pressing issues which persist today:

1. Engineering and STEM postsecondary enrollment levels insufficient to sustain our economy and meet current or projected demands of American industry and government
2. Inequitable representation among minorities and women in the STEM workforce

The Women, Science, and Technology Learning Community

Sponsored by the Center for the Study of Women, Science, and Technology, the Georgia Tech Department of Housing, and ThinkBig, the Women, Science, and Technology Learning Community enhances the academic and professional development of GT undergraduates by creating networks for students and for student and faculty interaction. The WST Learning Community offers programs addressing personal and professional issues for women students entering scientific and technological fields. Female undergraduates from all majors can join the community and live in the WST residence halls Stein and Goldin Houses (4th St. A and B). See

<http://www.wst.gatech.edu/lc.html>

<http://www.diversity.gatech.edu/initiatives/student>

A brief description of the institution's scholarships for low-income students :

The G. Wayne Clough Georgia Tech Promise Program
A debt-free degree for Georgia families who need it most

PROGRAM CONTACT

Office of Scholarships and Financial Aid
phone: 404-894-4160
e-mail:

finaid@gatech.edu

www.finaid.gatech.edu

RELATED RESOURCES

Office of Admission
e-mail:

admission@gatech.edu

www.admission.gatech.edu

The G. Wayne Clough Georgia Tech Promise Program is available to dependent Georgia residents pursuing their first undergraduate degree who meet the eligibility requirements. The program is designed to fill a gap in the financial aid support system, picking up where Georgia's HOPE scholarship and other financial aid options leave off. The program is intended to assist Georgia students whose families have an annual income of less than \$33,300.

Scholarships

Awards are made on an annual basis and do not require repayment. Academic excellence, financial need, and major of study are the primary criteria used for selecting recipients. Most institutional scholarships require a cumulative grade point average of 3.0. Typically, students who entered GT as freshmen are limited to receiving institutional scholarships for the first eight (8) terms of full-time enrollment. During an academic year, scholarships are generally awarded for two (2) semesters (Fall, Spring, or Summer). A transfer

student's eligibility will be determined on an individual basis depending upon hours transferred.

To be considered for scholarships awarded by the Office of Scholarships and Financial Aid, you must complete a financial aid application each year. Please note that there are many students who may be equally qualified for a scholarship. Preference is given to students who show financial need, and meet the established application deadlines.

Contact your academic college or department for information on scholarships that are administered by them. Though not always indicated as such, most are reserved for upperclassmen who have demonstrated their academic abilities here at Tech.

Institutional Scholarships with Recipients Selected by the Office of Scholarships and Financial Aid

G. Wayne Clough Tech Promise Program

Godbold Family Foundation Scholarship

Additional Scholarship Opportunities at Georgia Tech

Institutional Scholarships with Recipients Selected by Entities other than the Office of Scholarships and Financial Aid

President's Scholarship Program

Provost's Scholarship

National Merit and National Achievement

Georgia Tech Alumni Club and Georgia Tech Alumni Club Matching Scholarships

Goizueta Foundation Scholarship

School of Materials Science and Engineering Scholarships at GT

Outside Scholarships

Outside Scholarships Information

Outside Scholarships Currently Accepting Applications

<http://www.finaid.gatech.edu/scholarships/>

A brief description of the institution's programs to guide parents of low-income students through the higher education experience :

http://www.finaid.gatech.edu/apply/tech_parents/

http://www.finaid.gatech.edu/apply/getting_started/

A brief description of the institution's targeted outreach to recruit students from low-income backgrounds :

Scholarships and Grants awarded by the Office of Scholarships and Financial Aid

Annually, the Office of Scholarships and Financial Aid administer more than 1400 individual scholarship and/or grant funds. Award criteria includes but is not limited to academic performance, major and/or geographic areas. Priority is given to students that demonstrate financial need. Most institutional scholarships require a cumulative grade point average of 3.0. Typically, students who entered GT as freshmen are limited to receiving institutional scholarships for the first eight (8) terms of full-time enrollment. During an academic year, scholarships are generally awarded for two (2) semesters (Fall, Spring, or Summer). A transfer student's eligibility will be determined on an individual basis depending upon hours transferred.

To be considered for scholarships awarded by the Office of Scholarships and Financial Aid, you must complete a financial aid application each year. Please note that there are many students who may be equally qualified for a scholarship. Preference is given to students who show financial need, and meet the established application deadlines.

A program specifically designed to help the neediest of our students from Georgia is the G. Wayne Clough Georgia Tech Promise Program - A debt-free degree for Georgia families who need it most. The G. Wayne Clough Georgia Tech Promise Program that was launched in 2007 that is uniquely designed to provide access and opportunity to the neediest of our undergraduates from Georgia. The G. Wayne Clough Georgia Tech Promise Program is available to dependent Georgia residents pursuing their first undergraduate degree who meet the eligibility requirements. The program is intended to assist Georgia students whose families have an annual income of less than \$33,300. The program provides a "debt free degree" and recipients are awarded scholarships and grant and a work study job that meet their full need

In addition to the funds administered by the Office of Scholarships and Financial Aid, the Institute offers:

President's Scholarship Program -

www.psp.gatech.edu

Provost's Scholarship -

<http://www.admission.gatech.edu/provostscholarship>

Georgia Tech Alumni Club Scholarships -

<http://gtalumni.org/pages/available scholarships>

A brief description of the institution's other admissions policies and programs :

<http://www.admission.gatech.edu/apply>

<http://www.enrsrv.gatech.edu/ddlinks.php>

A brief description of the institution's other financial aid policies or programs :

<http://www.finaid.gatech.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://www.finaid.gatech.edu/>

Gender Neutral Housing

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Residents have the right to freedom from discrimination on the basis of race, color, gender, sexual. affectional orientation, age, religion, creed, political affiliation, and national origin.

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

<http://www.housing.gatech.edu/policies/TechnicallySpeaking.pdf>

Employee Training Opportunities

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 mission of the Office of International Education is to provide leadership in advocating for, supporting and pursuing the university's goals for international education and exchange. In this regard, the office sees its most important priorities to include:

Collaborating with faculty to further internationalize the curriculum

Advocating for programs of study that prepare students to be globally competent

Identifying opportunities for faculty to acquire international education experiences

Serving the large and diverse population of international students and visiting scholars

The website URL where information about the trainings and activities are available :

<http://www.oie.gatech.edu/isss/international/issues/20110318.php>

Student Training Opportunities

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Georgia Tech offers more than 80 exchange programs and 30 group faculty-led programs, sending 1200+ students abroad each year.

Today's students understand that international study, research, and work experience will better prepare them for a rewarding life and career. Thus, Georgia Tech's International Plan offers a unique program giving them the professional edge they need in our increasingly competitive world.

The International Plan is a challenging four-year program that works in tandem with an undergraduate's academic curriculum to produce globally competent citizens. The program utilizes existing study, work, and research abroad opportunities available through the Office of International Education and the Division of Professional Practice to help students fulfill their requirements. Successful completion of the program results in a special "International Plan" designation on the Georgia Tech degree and transcript.

The website URL where information about the trainings and activities are available :

<http://www.oie.gatech.edu/misc/about.php>

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.

From the institution:

"Georgia Tech strives to enhance our employees' total experience while working here. Helping individuals find a balance between their work and family life allows them to be successful employees."

<http://www.careers.gatech.edu/>

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

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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:

Georgia Tech offers a comprehensive package of benefits designed to meet a diverse set of your needs. As a Georgia Tech employee, you will receive one of the best total rewards packages, including competitive pay, insurance coverage, and an incredible range of other perks and benefits. Your total rewards go far beyond your paycheck. We are proud to include services and products to help our employees enjoy their work and to make life more enjoyable.

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

Total number of employees working on campus (including contractors) :

7000

Number of employees (including contractors) that the institution ensures earn sustainable compensation :

7000

A brief description of how the institution ensures that its lowest-paid workers (including contractors, if applicable) receive sustainable compensation :

Georgia Tech evaluates positions against peers and industry standards in order to appropriately reward its employees and to remain competitive. Georgia Tech implemented a new program in March 2011. This program included new job descriptions, titles, and pay ranges that are built to match the market place where we compete for talent. Every year, these structures are reviewed and updated based on market movement.

<http://www.careers.gatech.edu/why-georgia-tech/total-rewards>

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 :

2012

The website URL where information about the institution's compensation policies and practices is available :

<http://www.ohr.gatech.edu/compensation>

Employee Satisfaction Evaluation

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

Georgia Institute of Technology has been recognized on The Chronicle of Higher Education's 2011 "Great Colleges To Work For" Honor Roll for the third consecutive year. Tech was the only four-year public institution to receive the recognition.

Human Resources also monitors pay scales and job descriptions to ensure Georgia Tech remain competitive in our hiring and retention.

The year the employee satisfaction evaluation was last administered :

2011

The website URL where information about the institution's employee satisfaction evaluation process is available :

<http://www.ohr.gatech.edu/greatcollegestoworkfor2011>

Staff Professional Development in Sustainability

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

There are many departments on campus offering training and development opportunities to staff.

Examples of which include:

Clean Energy Series

Nanotechnology Series

Material Sciences Series

Public Policy Series

Distinguished Lecture Series

Program in Science, Technology and Innovation

Net Impact Series

The website URL where information about staff training opportunities in sustainability are available :

<http://www.stewardship.gatech.edu/events.php>

Sustainability in New Employee Orientation

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

Georgia Tech's sustainability programs are visible across campus. Within each department, personnel make new employees aware of recycling programs for paper and office supplies.

The Recycling Department also has a representative volunteers across campus.

The website URL for the information about sustainability in new employee orientation :

<http://www.stewardship.gatech.edu/>

Employee Sustainability Educators Program

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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.

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

Total number of people employed by the institution :

7000

Program name (1st program) :

Eco Reps

Number of employees served by the program (1st program) :

7000

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

Recycling is present in 115 campus buildings, across all sectors of campus including Administration, Athletics, Auxiliary Services, Laboratories, and Student Affairs. Recycling is present in all student sectors such as residence halls, greek community, athletic facilities, classroom, research labs, dining halls, student center, and library.

http://www.recycle.gatech.edu/recycling_services/Buildings/Buildings.php

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

Recycling education is available through the Recycling Education and Awareness Outreach Coordinator. Within each department, administrators train employees on how to recycle their paper, printer cartridges, electronics, and batteries. They are also coach on departmental practices on buying green supplies.

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

Recycling Department in Facilities
Office of Environmental Stewardship
Buildings Services in Facilities and in Housing
Landscaping
Energy Conservation Team

The website URL where information about the program is available (1st program) :

<http://www.stewardship.gatech.edu/>

Program name (2nd program) :

Earth Day

Number of employees served by the program (2nd program) :

6000

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

70 booths are setup on campus for Earth Day . This year Georgia Tech's Earth Day event was extended by 25%. Each booth provides education and awareness related to sustainability. Multimedia also provides education and awareness both before and after Earth Day and Think Green Week.

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

Green Cleaning training is provided to building services personnel across campus.

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

Georgia Tech is a founding partner of the Billion Dollar Green Challenge, 2011. Our Foundation made its largest investment ever, to implement our campus expansion using LEED criteria in the late 1990's and early 2000's. In 2003, our College of Management building was the 13th building in the US to be LEED certified. Our campus was a renewable energy showcase for the 1996 Olympic Games and have kept our 324 KW solar PV and solar thermal roof top in operations since that time. We were also early adopters of geothermal in operations in our Print Services building.

The website URL where information about the program is available (2nd program) :

<http://www.stewardship.gatech.edu/alternativeenergy.php>

Program name(s) (all other programs) :

Safe Shipping for biological samples, laboratory safety, fire safety, nutrition programs, Take Back the Night, Campus Safety, etc

Number of employees served by the program(s) (all other programs) :

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

A brief description of how the employee educators are selected (all other programs) :

Georgia Tech provides education and awareness of many health and safety topics to employees. Beyond these safety programs, all employees are encouraged to actively participate in programs for their overall health and well being such as sports, daily activities, financial planning, fire safety, planting trees, enjoying music to reduce stress, etc

A brief description of the formal training that the employee educators receive (all other programs) :

Georgia Tech provides seminars across campus daily that are open to campus and the community. Please see

<http://www.stewardship.gatech.edu/events.php>

Anyone the least bit interested in energy efficiency, clean energy, climate change, green supply chains, nanomedicine, material science, biology, geology, electric energy, managing technology, economic development, etc can find many interesting topics being discussed in and out of the classroom every day at Georgia Tech.

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

At the Georgia Institute of Technology, we welcome a wide variety of intellectual and cultural perspectives. Our commitment to developing and maintaining an open, friendly and productive environment is reflected throughout our campus community.

<http://www.ohr.gatech.edu/diversity>

Georgia Tech provides a variety of work/life balance programs for our employees.

<http://www.ohr.gatech.edu/worklife>

Georgia Tech offers a suite of services designed to help both new and experienced leaders, individuals, or teams reach their full potential.

<http://www.ohr.gatech.edu/leadershipdevel>

The website URL where information about the program(s) is available (all other programs) :

<http://www.stewardship.gatech.edu/>

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 childcare center is designed for 120 children from six weeks in age to preschool. Eighty-five percent of the spaces are reserved for Georgia Tech employees and students, and fifteen percent are for community use with priority given to Home Park residents.

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

<http://www.ohr.gatech.edu/worklife/childcare>

Employee Wellness Program

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

Georgia Tech has a vital interest in maintaining safe, healthful, and efficient working conditions for its students and employees.<http://www.admin-fin.gatech.edu/human/discipline/050500.html>

Campus Recreation inspires and promotes a healthy lifestyle through diverse, quality recreational opportunities and services to enrich mind, body, and spirit while enhancing lifelong learning.<http://www.crc.gatech.edu/gitfit/>

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

<http://www.ohr.gatech.edu/worklife>

Socially Responsible Retirement Plan

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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

Does the institution offer a socially responsible investment option for retirement plans? :

Yes

A brief description of the socially responsible investment option for retirement plans :

Retirement plan options include Fidelity Investments and Tiaa-Cref, both of which offer investment options that incorporate socially responsible investing criteria.

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

<http://www.ohr.gatech.edu/benefits/retirement>

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.

From the institution:

"Georgia Tech is committed to strategically strengthening its already robust international education and research initiatives for the twenty-first century. By growing existing international campuses and developing new ones, internationalizing the curriculum, and increasing the number of study and work abroad opportunities for students, Tech will enhance its global footprint and its reputation as an international leader."

<http://www.development.gatech.edu/institute-priorities-and-needs>

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

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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.

"---" 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?

:

No

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 :

We do not have the ability to vote proxies, as the entire equity holdings of the endowment are invested in mutual funds (e.g. CommonFund, Fidelity, Vanguard).

We provide our investment managers with general guidelines that determine our proxy votes.

Environmental and sustainability factors are two of the factors used for evaluations, along with financial considerations. Some of the most most recognized corporate sustainability leaders are in our portfolio.

Members of the CIR, including affiliations :

The Investment Committee reports to Foundation's Foundation Executive Committee. Committee members are listed on the Foundation website.

Recent examples (within the past 3 years) of CIR actions :

Clean Energy investments
Energy Efficiency investments
Economic Development Programs

The website URL where information about the committee is available :

<http://www.gtf.gatech.edu/>

Shareholder Advocacy

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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? :

No

Has the institution conducted a negative screening of its entire investment pool within the last three years? :

Yes

A brief description of how the institution (or its foundation) has engaged in shareholder advocacy that promotes sustainability during the previous 3 years. :

Foundation reviews its investments on regular basis.

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 :

<http://www.gtf.gatech.edu/>

Positive Sustainability Investments

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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.

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

Total value of the investment pool :

1322000000 US/Canadian \$

Value of holdings in sustainable industries, such as renewable energy or sustainable forestry :

79320000 US/Canadian \$

Value of holdings in businesses selected for exemplary sustainability performances :

0 US/Canadian \$

Value of holdings in sustainability investment funds, such as a renewable energy investment fund :

39660000 US/Canadian \$

Value of holdings in community development financial institutions (CDFIs) :

30000000 US/Canadian \$

Value of holdings in socially responsible mutual funds with positive screens :

0 US/Canadian \$

A brief description of the companies, funds, and/or institutions referenced above :

The Foundation's Investment Allocation and % referenced are:

6% to Energy & Timber (100% referenced above)

1% to Natural Resource Equities (100% referenced above)

10% Large Cap Equities (80% referenced above)

25% Private Equities (40% referenced above)

The website URL where information about the institution's sustainability investment activities is available :

<http://www.gtf.gatech.edu/images/ebook/2011/annualreport2011.html>

Student-Managed Sustainable Investment Fund

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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? :

Yes

A brief description of the student-managed sustainable investment fund :

The Student Foundation offers Georgia Tech Students the opportunity to invest funds and make stock recommendations with a real portfolio and learn leadership skills.

Responsibility to investors and review of individual stocks as well as sectors is an integral part of the investment process.

The website URL where information about the fund is available :

<http://www.gtsf.gatech.edu/sector-reviews.html>

Sustainable Investment Policy

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 :

While social and/or environmental impacts of investments have long been a part of the investment decisions of the Georgia Tech Student Foundation, it is most easily seen in its Energy Sector Reviews and in individual stock analysis reports.

The website URL where information about the policy is available :

<http://www.gtsf.gatech.edu/ic.html>

Investment Disclosure

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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

Does the institution make a snapshot of its investment holdings, including the amount invested in each fund and/or company and proxy voting records, available to the public? :

Yes

A brief description of the institution's investment disclosure practices :

The Georgia Tech student foundation makes its investment holding public. Sector analysis presentations are also made public.

The website URL where information about investment disclosure available :

http://www.gtsf.gatech.edu/joom/Files/IC/Portfolios/2011/Sept7_portfolio.pdf

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.

From the institution:

"Georgia Tech has a rich and strong history of providing the student support services and co-curricular learning opportunities that help our diverse student community acquire and apply life-learning skills. The college years are pivotal and formative: much of what students learn is garnered outside of the classroom and is equally important in preparing them for success after graduation. As students transition through their academic career at Tech, we encourage them to engage in the variety of support services available, not only to help make them successful at Tech, but also to gain a well-rounded, fulfilling learning experience. "

<http://studentaffairs.gatech.edu/plugins/content/index.php?id=13>

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

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

The Institution formally partners with local communities, school districts, government agencies, non-profit organizations, or others, to work together to advance sustainability in the community. Examples:

K-12 Outreach -Georgia Tech recognizes its responsibility to enhance the curriculum of K-12 schools, especially STEM, to ensure that all children can gain the knowledge necessary to succeed. Community Relations works closely with six primary & secondary schools near Georgia Tech campus, along with other Metro Atlanta schools & state school systems.

Zero Waste Zone – Food Composting – Georgia Tech first college to join

Georgia Tech is No. 9 of CleanTech Universities in US

Metro Atlanta Chamber of Commerce Sustainability Committee

GT wins Governor's Energy Challenge Natural Leader Award

TeamBuzz Day partners with Hands On Atlanta

City of Atlanta Hopes Georgia Tech Bikeshare Leads the way

Georgia Tech Ranks on Peace Corps 2011 Top Universities List

The website URL where information about sustainability partnerships is available :

<http://www.stewardship.gatech.edu/>

Inter-Campus Collaboration on Sustainability

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

Presented at AASHE Annual Conference, SCUP Conferences, participated in surveys of National Wildlife Federation, AASHE/Endowment Institute/ACPUCC, website, NACAS, APPA-SE.

Researchers engaged and presented with DOE, DOD, DOT, NIST, NSF, NIH etc.

The names of local, state, regional, national, and other campus sustainability organizations or consortia in which the institution participates and/or is a member :

AIA

USGBC

Midtown Alliance

Central Atlanta Progress

AASHE

Second Nature

SCUP

SAPPA

ASHRAE

A brief summary of additional ways the institution collaborates with other campuses to advance sustainability :

Enterprise to Empower (EN2Em) – Enterprise to Empower (En2Em) seeks to educate, enable and engage students in social entrepreneurship

ARCHE Sustainability Committee – Atlanta Regional Consortium Higher Education – 20 public and private colleges and universities, represents over 175,000 students (approximately 40% of all students attending degree-granting colleges and universities in the State of Georgia).

Ideas2Serve- Competition for the Ecosystem for Social Innovation, Creativity, and Entrepreneurship. Do You Have an Idea for a Product or Service that: Addresses a Community Issue, a Social Issue or Helps Preserve or Sustain the environment? Bring it to the community leaders.

The Energy Club at Georgia Tech educates students of the unique challenges and opportunities that are impacting the global energy industry

The website URL where information about cross-campus collaboration is available :

<http://www.stewardship.gatech.edu/outreach.php>

Sustainability in Continuing Education

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

14

Total number of continuing education courses offered :

41

Does the institution have a sustainability-related certificate program through its continuing education or extension department? :

Yes

A brief description of the certificate program :

Certificates /Online Courses include engineering degrees that cover the topics checked.

Professional Education Certificates:

<http://www.pe.gatech.edu/>

Online Courses, Degrees, Certificates:

<http://www.dlpe.gatech.edu/dl/>

City and Regional Planning certificate in land development

<http://www.planning.gatech.edu/undergraduate/home>

Certificate in public policy (masters & doctorate)

<http://www.spp.gatech.edu/mc/gcpublicpolicy>

We partner with SEED Center schools.

Year the certificate program was created :

2007

The website URL where information about sustainability in continuing education courses is available :

<http://www.pe.gatech.edu/>

Community Service Participation

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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.

Submission Note:

Additional websites for Community Service while at Georgia Tech

<https://www.ceismc.gatech.edu>

<http://gov.gatech.edu>

The Community Service Council(CSC) is the newest service initiative on Georgia Tech's campus. The CSC aim to promote synergy and a conduit for collaboration among the 40+ service organizations on Tech's campus.

<http://www.service.gatech.edu/plugins/content/index.php?id=1>

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

The number of students engaged in community service :

12500

Total number of students, which may exclude part-time, continuing education and/or non-credit students :

18135

The website URL where information about the institution's community service initiatives is available :

<http://www.copp.gatech.edu/community/index.html>

Community Service Hours

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

68528

Total number of students, which may exclude part-time, continuing education and/or non-credit students :

18135

The website URL where information about the institution's community service initiatives is available :

<http://service.gatech.edu/>

Sustainability Policy Advocacy

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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.

"---" 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 :

The Office of Government and Community Relations is the Institute's primary connection to the federal, state, & local governments & communities. Through active advocacy & relationship-building, Georgia Tech Government & Community Relations staff work to achieve Tech's goals of progress & service for all. Examples:

The Georgia Tech Legislative Roundtable is an annual event focused on bringing state legislators and industry representatives together to discuss emerging science and technology policy issues. This year's event will be combined with the final meeting of the Science and Technology Strategic Plan Study Commission.

President Obama's Advanced Manufacturing Partnership and Georgia Tech is one of six universities in the US to be in Manufacturing Initiative.

Georgia Tech Joins Atlanta Better Buildings Challenge which is part of national Better Buildings Challenge

Georgia Tech in Founders Circle of Billion Dollar Green Challenge

The website URL where information about the institution's advocacy efforts are available :

<http://www.stewardship.gatech.edu/>

Trademark Licensing

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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? :

Yes

The website URL where information about the institution's participation in the WRC, FLA, and/or DSP is available :

<http://www.fairlabor.org/fla/go.asp?y=/pub/mp&Page=CollegesUniversities>

Graduation Pledge

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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? :

No

A brief description of the graduation pledge program :

The website URL where information about the graduation pledge program is available :

Community Service on Transcripts

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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

Does the institution include community service achievements on student transcripts? :

No

A brief description of the practice :

The website URL where information about the practice is available :

Farmers' Market

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

"---" 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 Georgia Tech Student Center and Georgia Tech Dining Services have partnered to bring local, sustainable food to the Georgia Tech communities' fingertips. The market features a variety of local vendors who provide a plethora of fantastic produce and value added products.

This market not only allows students to stock up on sustainable and healthy food, it also provides them a chance to interact with local farmers and support Georgia's economy. Opportunities like this market help make Tech's community an active and educated part of the local food system.

Campus also has a Community Supported Agriculture program available on campus.

The website URL where information about the market is available :

http://www.gatechdining.com/sustainability_farmers.html

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.

From the institution:

"Through the combined efforts of our faculty, staff, and students, Georgia Tech's innovative spirit has characterized our research enterprise, and now that spirit will infuse the university's educational experience as well. Georgia Tech will encourage and reward learning initiatives, remove institutional obstacles to both incremental and transformative educational innovations and convert challenges into opportunities." —Georgia Tech Strategic Plan

Credit
Innovation 1
Innovation 2
Innovation 3
Innovation 4

Innovation 1

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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.
-

Submission Note:

This Innovation point was claimed in STARS 1.0 but no where else on this 1.2 upgrade.

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

A brief description of the innovative policy, practice, program, or outcome :

EPA Lifetime Achievement Award Winner, Top Five Most Influential Renewal Energy person according to Power Finance and Risk Magazine was founder of the national's first University Center of Excellence in Photovoltaics, 1992 and founder and CTO for Suniva
[STARS Reporting Tool](#) | [AASHE](#) | [Sierra Magazine](#)

solar panel manufacturer, Dr Ajeet Rohatgi is at Georgia Tech. He has consulted to the 40 largest solar pv manufacturers in the world and set 15 world records in solar cells.

A graduate of Georgia Tech's business incubator, Suniva was named #2 on the WSJ clean tech list. 86 kw of Suniva cells are on our campus' sustainability showcase roof, the Undergraduate Commons Building, home of all freshman math and science classes.

<http://www.youtube.com/watch?v=oOFkHwUxIEg>

www.stewardship.gatech.edu/alternativeenergy.php

A letter of affirmation from an individual with relevant expertise :

[DOE Secretary Chu on Georgia Tech Dr Ajeet Rohatgi.pdf](#)

The website URL where information about the innovation is available :

<http://www.stewardship.gatech.edu/alternativeenergy.php>

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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.
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 - 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.
-

Submission Note:

This innovation point was claimed as part of the STARS 1.0 rating in February of this year but no where else in this STARS 1.2 upgrade.

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

A brief description of the innovative policy, practice, program, or outcome :

While most universities have a Campus Master Plan, very few have a Landscape Master Plan. Fewer have a Cistern Master Plan. Georgia Tech goes beyond a traditional Campus Master Plan in developing holistic tools that fully integrate the ecological and human landscape

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

into a performance landscape that transforms the campus culture and expands the academic and research opportunities across the university. The development of the Eco-Commons is a place where Ecology and Technology join to create a sustainable collegiate setting in a modern metropolis, enhancing the holistic integration of the campus framework while expanding the university's mission.

<http://www.space.gatech.edu/landscapeplan/>

A letter of affirmation from an individual with relevant expertise :

[scup ecommons award.docx](#)

The website URL where information about the innovation is available :

<http://www.scup.org/page/awards/2009/recipient/award8>

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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.
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 - 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 :

Georgia Tech implemented a Smart Measurement and Verification process to validate the projected savings of LEED program in new buildings.

A letter of affirmation from an individual with relevant expertise :

[appa-award-submission-jan-2011revised-2.pdf](#)

The website URL where information about the innovation is available :

<http://www.appa.org/recognition/innovativewinners.cfm>

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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.
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 - 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.
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 - 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.
-

Submission Note:

The G Wayne Clough Commons Undergraduate Learning Commons is considered by many to be a Sustainability Showcase.

<http://clough.gatech.edu/sustainability.html>

http://www.bizjournals.com/atlanta/blog/on_the_market/2011/09/georgia-techs-sustainability-showcase.html?ed=2011-09-23&s=article_du&ana=e_du_pap

A brief description of the innovative policy, practice, program, or outcome :

Chilled Beam demonstration projects in two physics labs within new Sustainability Showcase Building (G Wayne Clough Undergraduate Commons) along with two other non chilled beam physics labs will be monitored for their subdivided energy consumption.

Chilled beam technology is relatively new in the US and studies to show its effectiveness have not been conducted extensively. This study will advance the knowledge of chilled beam operation and their effectiveness in laboratory applications. The building was opened in the Fall of 2011 and the study is in progress now.

A chilled beam is a type of convection HVAC system designed to heat or cool large buildings. Pipes of water are passed through a "beam" (a heat exchanger) suspended a short distance from the ceiling of a room. As the beam chills the air around it, the air becomes denser and falls to the floor. It is replaced by warmer air moving up from below, causing a constant flow of convection and cooling the room. Estimates are that HVAC costs can be reduced by 20 percent with an active chilled beam system

A letter of affirmation from an individual with relevant expertise :

[research-and-activities-conducted-withgeorgia-tech-facili.pdf](#)

The website URL where information about the innovation is available :

<http://www.isye.gatech.edu/seniordesign/index.php?fuseaction=projects.showDetail&id=598&sort=>

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.

From the institution:

Georgia Tech seeks to incorporate sustainability as a life style, not a separate program, degree, or job responsibility. Throughout its 135 year history, Georgia Tech has included efficient use of resources, including energy and water, into its academic programs, its research programs, and its operations of campus.

When sustainability is a life style and the campus is a living laboratory of sustainability, sustainability becomes everyone's job, not just the work of special staff. Our Sustainability Office is small but the reach and practice of sustainability is everywhere, every day, visible, and now increasingly measured and reported.

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

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

Reusable bags are used for new student orientation (FASET). Auxiliary Services hands out reusable water bottles and encourages students to participate in the dining hall and residence hall programs to have the greenest colleges experiences while at Georgia Tech.

Advertising in Freshman Orientation materials

(ad also on website:

<http://www.stewardship.gatech.edu/greenresidence.php>

)

Online Housing materials are featured instead of paper. Housing makes it clear students need to bring only EnergyStar appliances and to coordinate appliance purchases, if any, with roommates. Green Cleaning, Housing LEEDing the way, and other green operations and maintenance in Tech's residence halls are featured at

[http://www.housing.gatech.edu/\(right](http://www.housing.gatech.edu/(right)

menu has LEEDing the Way....)

<http://www.housing.gatech.edu/assignments/items.cfm>

Entering students interested in sustainability are encouraged to visit the "New Students" portion of the Environmental Stewardship website to learn the greenest ways to attend Georgia Tech.

<http://www.stewardship.gatech.edu/greenresidence.php>

Auxiliary Services provides discounts on EnergyStar and Epeat laptops for students coming to campus. Recycling Department and the Office of Environmental Stewardship participate in Freshman Orientation market place with tabling. Recycling gives away reusable bags and encourages students to volunteer at Game Day Recycling and Earth Day. Stewardship discusses sustainability aspects of Georgia Tech with students and families.

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 :

Reusable bags are used for new student orientation (FASET). Auxiliary Services hands out reusable water bottles and encourages students to participate in the dining hall and residence hall programs to have the greenest colleges experiences while at Georgia Tech. Advertising in Freshman Orientation materials
(ad also on website:

<http://www.stewardship.gatech.edu/greenresidence.php>

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sustainability aspects of Georgia Tech with students and families.

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 :

Housing encourages students to be green.

<http://www.stewardship.gatech.edu/housinggreen.php>

Resident Housing Assistants include messaging about recycling in each residence hall and bringing less to campus.

Does the institution make new student orientation more sustainable via efforts such as a zero-waste meal or carbon offsets? :

Yes

Provide a brief description of the efforts :

Sustainable Dining has many programs within the dining halls including Composting, Low Carbon Emission meals (local food initiatives, PBJ Day (peanut butter and jelly sandwiches because they use less water and fuel, etc), sustainability trivia games, What's In Season posters, Trayless dining messages,

Does the institution incorporate sustainability into new student orientation in other ways? :

Yes

Provide a brief description :

Student Markets are setup where incoming students are introduced to and recruited to existing on campus groups. These range from the Recreation Center's GT Outdoor Program, Engineering Students Without Borders, Trailblazers, etc

Food Education

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

Eco-positive food choices include topics such as nutrition, exercise, biomedicine, green supply chains, transportation and distribution, city planning, and many more. These are all topics included Georgia Tech academic courses.

Are students educated in dining facilities about how to make eco-positive food choices? :

Yes

Provide a brief description :

Trivia competitions, posters, displays, research, mobile devices with smart agents to compare nutrition options are all part of the robust education provided in Georgia Tech's dining facilities. Results of the composting competition between the dining hall staffs are also posted.

Are students educated during orientation about how to make eco-positive food choices? :

Yes

Provide a brief description :

The most obvious education related to eco-positive food choices during orientation include reusable bottles, dinner ware, utensils, high recycled content of napkins, compostable accessories such as stirrers and napkins, food composting, and the 41% of our food served in dining halls being local and or organic.

Are students educated in other venues about how to make eco-positive food choices? :

Yes

Provide a brief description :

Student to student education and awareness are part of the student organizations that participate in the "market" of student organization during orientation. Additionally, Recycling, Georgia Tech Outdoors Program, the Campus Recreation Center and many others are part of orientation.

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 :

Students have a sustainable food garden on campus.

Food and Beverage Purchases

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

Criteria

Institution provides details of its food and beverage purchases.

"---" 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 :

41

The percentage of food and beverage expenditures that were grown within 100 miles of the institution :

41

List what tool your institution is using to track this information (e.g. Center for Environmental Farming Systems or CBORD) :

internal tracking

List items procured for dining services from on-campus organic garden(s) :

Dining Services has indicated they would purchase on-campus organic gardens if the students will keep them updated on what is available. Until this year, the student gardens were small and used primarily by the students who were the gardeners. This year, campus has provided space for a new, larger program of 10 raised beds. The garden is too new to provide items for dining services at this time.

The percentage of total food and beverage expenditures spent by dining services to procure items from on-campus organic garden(s) :

List all Fair Trade certified items purchased :

A wide variety of Fair Trade certified items are purchased. most venues are 100% fair trade, a few locations offer fair trade but not exclusively. Estimate that 80%+ of venues offer Fair Trade coffee. Five percent other Fair Trade Certified food products purchased. Type of item: macadamia nuts, papaya, mangos, etc

<http://www.sodexousa.com/usen/citizenship/thebettertomorrowplan/thebettertomorrowplan.asp>

Confinement-Free Food Purchases

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

cage free eggs

Percentage purchased :

5

Comments :

Type of confinement-free product purchased (1st product) :

confinement free pork

Percentage purchased (1st product) :

5

Comments (1st product) :

Type of confinement-free product purchased (2nd product) :

confinement free beef

Percentage purchased (2nd product) :

5

Comments (2nd product) :

Type of confinement-free product purchased (3rd product) :

Percentage purchased (3rd product) :

Comments (3rd product) :

Type of confinement-free product purchased (4th product) :

Percentage purchased (4th product) :

Comments (4th product) :

Vegetarian-Fed Food Purchases

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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) :

grass fed beef

Percentage purchased (1st product) :

15

Comments (1st product) :

Type of vegetarian-fed product purchased (2nd product) :

Percentage purchased (2nd product) :

Comments (2nd product) :

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

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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) :

chicken

Percentage purchased (1st product) :

5

Comments (1st product) :

Type of hormone-free product purchased (2nd product) :

fish

Percentage purchased (2nd product) :

5

Comments (2nd product) :

Type of hormone-free product purchased (3rd product) :

Percentage purchased (3rd product) :

Comments (3rd product) :

Type of hormone-free product purchased (4th product) :

Percentage purchased (4th product) :

Comments (4th product) :

Type of hormone-free product purchased (5th product) :

Percentage purchased (5th product) :

Comments (5th product) :

Seafood Purchases

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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) :

fish

Percentage purchased (1st product) :

50

Standard used (1st product) :

Monterey Bay Aquarium Seafood Watch

Comments (1st product) :

<http://www.sodexousa.com/usen/newsroom/press/press11/sustainableseafood.asp>

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (2nd product) :

Percentage purchased (2nd product) :

Standard used (2nd product) :

Comments (2nd product) :

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (3rd product) :

Percentage purchased (3rd product) :

Standard used (3rd product) :

Comments (3rd product) :

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

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

Criteria

Institution provides details of the dishware its provides at its dining services locations.

"---" 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? :

No

Does the institution offer polystyrene (Styrofoam) dishware at its dining services locations? :

No

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? :

Provide a brief description. :

Dining Halls are piloting being 98% waste neutral moving disposables (containers, stirrers, napkins) to compostable materials and otherwise reusable containers and silverware.

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

Criteria

Institution provides details about its energy initiatives.

"---" 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 :

33

The percentage of overall energy consumption reduced as a result of retrofits and renovations completed within the past three years :

5

The percentage of electricity consumption reduced as a result of retrofits and renovations completed within the past three years :

5

The percentage of thermal energy consumption reduced as a result of retrofits and renovations completed within the past three years :

0

The combined gross square footage of all buildings that were constructed or underwent renovations in the past three years that are ENERGY STAR labeled :

475000

The names of all buildings that were constructed or underwent renovations in the past three years that are ENERGY STAR labeled :

Energy Star is not a building standard we use on campus. We use LEED, ASHRAE, Ga Building Code etc

4 buildings are participating in the Atlanta Better Building Challenge, which requires us to track our energy consumption and improvements via Energy Star: Centery, Technology Square Research Building, Sustainable Education Building, Centennial Research Building.

The combined gross square footage of all buildings that are ENERGY STAR labeled :

475000

The names of all buildings that are ENERGY STAR labeled :

Energy Star is not a standard we use on campus, we use LEED, ASHRAE, Ga Building Code etc

4 buildings are participating in the Atlanta Better Building Challenge, which requires us to track our energy consumption and improvements via Energy Star: Centery, Technology Square Research Building, Sustainable Education Building, Centennial Research Building.

Energy Use by Type

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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. :

67

The percentage of total electricity use from wind. :

0

The percentage of total electricity use from biomass. :

0

The percentage of total electricity use from natural gas. :

10

The percentage of total electricity use from solar PV. :

0.02

The percentage of total electricity use from geothermal. :

0

The percentage of total electricity use from nuclear. :

21

The percentage of total electricity use from hydro. :

2

The percentage of total electricity use from other. :

0

Provide a brief description. :

p 21 of <http://www.georgiapower.com/environment/report/environmentalreport.pdf>

The percentage of total energy used for heating buildings from coal. :

0

The percentage of total energy used for heating buildings from biomass. :

0

The percentage of total energy used for heating buildings from electricity. :

95

The percentage of total energy used for heating buildings from natural gas. :

5

The percentage of total energy used for heating buildings from geothermal. :

0

The percentage of total energy used for heating buildings from fuel oil. :

0

The percentage of total energy used for heating buildings from other. :

0

Provide a brief description. :

250 ton geothermal and over 500 kw of solar pv on campus, solar thermal also on campus

If cogeneration, please explain. :

cogeneration not allowed in Atlanta due to nonattainment zone

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

Criteria

Institution provides details about its procurement efforts.

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

The percentage of institutionally purchased appliances that are ENERGY STAR rated (of eligible appliance categories) :

80

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) :

80

Does the institution's vendor code or policy require vendors to use less packaging? :

No

Bike Sharing

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

Criteria

Institution reports the number of bicycles available through bike sharing programs.

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

The number of bicycles available through bike sharing programs :

40

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

Criteria

Institution provides details about its water initiatives.

Submission Note:

1/8 gallon urinal is our standard.

Some waterless urinals in use on campus, estimate 5 out of 300

"---" 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 :

hydration system in each Residence Hall eliminated 395K bottles in 3 months

Does the institution meter any of its non-potable water usage? :

Yes

The percentage of urinals on campus that are waterless :

1

Endowment

Responsible Party

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

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 :

1322000000 US/Canadian \$

Date as of :

June 30, 2011

Does the institution offer donors the option of directing gifts to an investment fund that considers environmental/sustainability factors? :

Yes

If yes, or if currently under consideration, provide a brief description :

Endowed Chairs, Buildings with green features, research areas.<http://www.development.gatech.edu/institute-priorities-and-needs/colleges-schools-programs/interdisciplinary-initiatives>.

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 :

225000000 US/Canadian \$

Provide a brief description :

Campaign funds allocated to green buildings on campus including 1.4 million gallon cistern

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)? :

Yes

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)? :

Yes

Do investment managers handle the details of proxy voting on environmental and social resolutions? :

Yes

Do investment managers handle the details of proxy voting on corporate governance resolutions? :

Yes

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? :

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? :

No

Does a committee of administrators and/or trustees deliberate and make decisions on proxy votes on corporate governance resolutions? :

No

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? :

Yes

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

Marcia Kinstler

Sustainability Director

Office of Environmental Stewardship

Criteria

Institution reports the amount of weekly time worked by people employed in the sustainability office, if applicable (in full-time equivalent).

"---" 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) :

1

FTE staff on payroll :

1

FTE student intern/fellow :

0