

ETSU CAMPUS ECO TOUR MAP



1 At our Lady Bucs softball field we have a storm water storage tank and water recycling system under the field. The tank holds 75,000 gallons of water. This is large enough to collect all of the water that falls on the site. The water is then filtered and reused to irrigate the field. In addition to reductions in storm water charges, this system has reduced the need for water and reduced the need for fertilizers.

2 A permeable parking lot is designed to reduce storm water runoff compared to conventional parking lots. After a storm, water is gathered into underground collection areas; the water is filtered and slowly released back into the environment. You can find these parking lots scattered across our campus. The new lot across from the soccer field, Buc Village lot, and Buc Ridge Phase 3 lot, are just a few of these locations.

3 Staying with our sustainable campus philosophy, we have our very own recycling center. This center handles over 100 tons of recycling per year. The center is managed by a recycling coordinator with student employees providing most of the labor.

4 Not only do our buildings support a sustainable environment but we are also using fuel efficient vehicles to reduce our carbon emissions. The ETSU fleet includes the following: 6 hybrid vehicles (Toyota Camry and Prius) and a wide variety of Flex-fuel vehicles that can run on E85 fuel. An E85 fuel tank has also been installed on campus to refuel the vehicles. In addition, the maintenance fleet contains six electric vehicles used in daily maintenance activities.

5 A previously unused garage on the edge of campus now is the home of the yellow bikes program. The Yellow Bike program is a bike sharing program operated out of the Campus Recreation Department. Bikes are available for checkout and bicycle repair workshops are available as a service to the students.

6 Vanhoy/Clack Chiller Plant and Mathes Hall- Skylights have been installed in these locations to reduce the use of overhead lights and to improve the physical environment by the addition of natural light.

7 Library, Roger Stout, and several other buildings- Motion light sensors have been installed in several campus locations. These sensors reduce energy use by turning out lights when rooms are unoccupied.

8 Centennial and Governors Hall Courtyard- A courtyard and walking track were constructed between these buildings to encourage the sense of community between students by providing an outdoor gathering space.

9 Alexander Hall/ University School – University School is a TP3 Green School. TP3 schools are recognized because they involve students in campus and community projects that reduce waste, conserve energy and water, decrease hazardous chemicals, improve air quality, and create wildlife habitats. – Located in front of University school is the first solar powered sign in the Tri-City region. Sun is gathered by photovoltaic panels during the day and used to power the sign's light at night.

10 Buccaneer Ridge Phase 3 – was constructed to the Tennessee Board of Regents sustainable design guidelines. The building features pervious pavement, daylighting, recycled construction materials, storm water reduction features, native plants, low energy use elevator, low VOC, and an innovative variable refrigerant heating/cooling system.

11 Innovation Lab – The Innovation Lab features a geothermal heating and cooling system. It is a system that uses underground constant temperatures to regulate building temperatures.

12 The arboretum is all over campus. The main spots for viewing are around Brown Hall and the garden in front of Brooks Gym. Our campus has worked to provide over 100 markers identifying plant specifics. These markers make it easier for guests to identify the variety of plants at East Tennessee State University. Our campus even has a Dwarf Conifer Garden. If you are interested in learning more about the arboretum, various pamphlets and self-guided tours are available.

13 The Children's Arboretum is located outside of Warf Pickel Hall on the side of the building near the tennis courts. It is located inside the Little Bucs playground. The Children's Arboretum has been newly planted with eight trees. These eight trees are also designated by markers.

14 East Tennessee State University has gone green with our cleaning supplies. Green cleaning is now used all over campus. Custodial and housing services use products that are environmentally and people friendly.

15 Over 200 recycling bins are located on the ETSU campus. These receptacles are in every building on campus. Many feature separate areas for plastic, cans, and cardboard for easy sorting.

16 New lighting and water efficiency features have been installed in the majority of campus buildings. Centennial Hall was designed with these features, including low flush toilets and low output faucets. Older campus buildings have been renovated to the most efficient fluorescent lighting available.

17 Community Garden in Buccaneer Village - The community garden is student led. It is completely organic, hand built by volunteers, and construction was funded by the Campus Sustainability Fee.

18 OffCampus -The General Shale Natural History Museum and Fossil Site located in Gray, Tennessee is also a part of East Tennessee State University. There are various features that allow the site to be more ecofriendly. Some examples are solar panels, wind turbine, bioswale, and native landscaping.

