

FSU College of Education Green IT

Staff at the FSU College of Education Office of Information and Instructional Technologies (OIIT) support a sustainable world and reflect the values of our staff, faculty, and students by using environmentally friendly resources and services and advising our users about best green IT practices. Green IT is one of the COE strategic initiatives and we are happy to share what we do to reduce IT digital footprint and what we are planning to do in the future.

Initiative	What We Are Doing	Ways to Improve
<p>Purchase energy efficient computers</p>	<p>Computers at the FSU College of Education are replaced every four years. When we select new computers, we make sure to acquire energy-efficient machines. These slim line computers use less power, cost less to recycle, and offer a smaller carbon footprint.</p> <p>We also buy machines from highly rated environmentally conscious companies such as Dell, HP, and Apple.</p> <p>We currently have machines that run from 35w to 95w with the newly acquired ones running at 47w.</p> <p>We endeavor to purchase the most energy efficient LCD and LED displays.</p>	<p>By continuing to purchase highly rated EnergyStar and EPEAT equipment. The College of Education will continue to reduce energy consumption with more energy-efficient machines.</p> <p>Inventory all equipment in the COE and determine if it would be cost effective to replace older items that use more power with newer devices that use less power.</p>
<p>Acquire movable and portable devices</p>	<p>We are advocating to buy devices that can be safely and easily moved from one location to another, thus maximizing equipment usage.</p>	<p>If technically possible and pedagogically sound, promote movable technologies (e.g., ClearTouch panels on movable stands, SMART board on a cart, etc.).</p>
<p>Preserve energy</p>	<p>COE monitors and computers are set to a sleep mode to conserve energy when not in use.</p>	<p>We will continue to utilize this feature and ensure that these devices consume as little energy as possible when not in use.</p>
<p>Recycle</p>	<p>Each COE department utilizes copiers for printing which saves on toner usage and cost.</p>	<p>Though we encourage users to print less, printing is still a big concern. We will be enabling of duplex printing on all COE printers to cut down on paper use.</p>

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	<p>We are working with FSU recycling services to place more recycling bins for collection of printed/errant paper.</p> <p>LRC and Tully reservations are now done electronically, thus eliminating the need to print equipment and lab reservation logs.</p> <p>We encourage employees to recycle printer ink/toner cartridges and now offer a used toner cartridge collection box in the Learning Resource Center (STB 1301).</p> <p>We will help you to safely dispose of used batteries. Please bring them to the Learning Resource Center (STB 1301). Batteries can be also disposed of via the campus recycling program. More information about FSU's policies and overall recycling initiatives can be found here.</p> <p>The College of Education complies with FSU regulations related to surplus and recycling of computers. In 2015-2016 the College of Education put through FSU surplus 34 computers, 18 monitors, and 5 printers, and cannibalized 8 computers through FSU facilities.</p>	<p>There is also a movement towards paperless workflow and we will place more emphasis onto electronic exchange of documents (e.g., via SharePoint workflow and forms features).</p> <p>Devise and enable e-forms for check in/out equipment Enable room reservation wizards to display room availability for labs, conference rooms, and study rooms to replace weekly printed schedules.</p>
<p>Use energy efficient lighting</p>	<p>Stone building, home of the College of Education, was one of first three Florida State structures to gain LEED certification from the U.S.</p>	<p>Advocate for more energy efficient lights (LED), where possible.</p>

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	<p>Green Building Council in 2009.</p>	
<p>Promote server efficiency</p>	<p>The College of Education hosts its servers in the most efficient ways that we currently can.</p> <p>FSU offers 5 terabytes of OneDrive cloud storage for all faculty and staff to minimize on-site server usage.</p> <p>When possible, we virtualize servers and participate in the campus server colocation program by moving some of our servers to a shared data warehouse.</p> <p>The College of Education was the first College at FSU that enabled a virtual lab with research software for its students. Thus, we enabled our students to access the resources off campus at any time and from any location. Indirectly, as our students do not need to drive to STB, it is another form of energy and resources preservation.</p>	<p>We are looking to increase the use of virtualized servers to cut down on overall digital footprint and energy consumption.</p> <p>We have plans for expanding the COE virtual lab offering and promoting MyFSUVlab to all students and faculty.</p>
<p>Utilize CENN monitors to promote COE activities, deadlines, achievements</p>	<p>COE OIIT was among the first units on FSU campus to utilize this technology to reduce printing of flyers and paper-based ads.</p> <p>We continue to promote this venue at COE and were consulted by other Colleges on the implementation issues.</p>	<p>We will continue seeking new ways to use the CENN system to communicate information to our students, faculty, and staff and reduce paper usage.</p>
<p>Utilize energy efficient transportation</p>	<p>When our OIIT technicians have to travel around campus, we use a gas efficient John Deer Gator to cut down on</p>	<p>Advocate for a hybrid vehicle.</p>

Initiative	What We Are Doing	Ways to Improve
	environmental emissions and gas consumption.	

We are very proud of many College of Education continuous efforts in sustainable and efficient use of resources. Thus, the newest 2016 addition is water bottle filling stations on each STB floor.