FSU College of Education Green IT

The FSU College of Education Office of Information and Instructional Technologies (OIIT) supports a sustainable world and reflects 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 the IT ecological footprint and what we plan to do in the future.

Initiative	What We Are Doing	Ways to Improve
Purchase energy efficient computers	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, are easier to recycle, and have a smaller carbon footprint. We also buy machines from highly rated environmentally conscious companies such as Dell and Apple. We currently have machines that run from 35w to 95w with the newest machines running at 47w. We endeavor to purchase the most energy efficient LCD and LED displays.	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. Take an inventory all the equipment in the COE and determine if it would be cost effective to replace older equipment that uses more power with newer more energy-efficient equipment.
Preserve energy	COE monitors and computers are set to sleep to conserve energy when not in use.	We will continue to use this feature and ensure that these devices consume as little energy as possible when not in use.
Recycle	Each COE department utilizes copiers for printing which saves on toner usage and costs. The College of Education complies with FSU regulations related to surplus and recycling of computers. In FY19-20 the College of Education surplused	Though we encourage users to print less, printing is still a big concern. We are working with FSU recycling services to place more recycling bins for collection of printed/errant paper.

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	66 computers, 35 monitors, and 26 printers and scanners through FSU surplus and recycling. When useable equipment is no longer needed at the COE, we offer it to other FSU units or donate it to local non-profit organizations. We encourage employees to recycle ink/toner cartridges from their printers and now offer toner, cartridge, and battery recycling in our Learning Resource Center (STB 1301). Batteries are also disposed of via the campus recycling program. More information about FSU's policies and overall recycling initiatives can be found [here]().	We will continue to reduce the number of printers used and enable duplex printing on all COE printers when possible to cut down on paper use. 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).
Use energy efficient lighting	Stone building, home of the College of Education, is one of only three Florida State structures to gain LEED certification from the U.S. Green Building Council.	Advocate for more energy efficient lights (LED), where possible.
Promote server efficiency	The College of Education hosts its servers in the most efficient ways that we currently can. We have reduced the number of servers used by migrating data to SharePoint and OneDrive. We offer 5 terabytes of OneDrive cloud storage for all faculty and staff to minimize on-site server usage. When possible, we virtualize servers and participate in the campus server colocation	We are looking to increase the use of virtualized servers to cut down on overall digital footprint and energy consumption. Continue to migrate data to SharePoint and OneDrive. We have plans for expanding the COE virtual lab offering.

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	program by moving some of our servers to a shared data warehouse. 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 resource preservation.	
Use CENN monitors to promote COE activities, deadlines, achievements	COE OIIT was among the first units on FSU campus to use this technology to reduce printing of flyers and paper-based ads. We continue to promote this venue at COE and were consulted by other Colleges on the implementation issues.	We will continue seeking new ways to use the CENN system to communicate information to our students, faculty, and staff and reduce paper usage.
Use energy efficient transportation	When our OIIT technicians travel around campus we use a gas efficient John Deere Gator to cut down on environmental emissions and gas consumption.	Advocate for a hybrid vehicle.