



## **USFSP Dining and Residence Hall LEEDv4 Green Education Website Information**

This building has many sustainable design features and is pursuing LEED Silver\* Certification. LEED stands for Leadership in Energy and Environmental Design. LEED was created in 1993 by the US Green Building and is the most widely used green building rating system in the world.

- The Landscape Plan was intentionally designed with native Florida vegetation and efficient irrigation techniques, resulting in a 68% reduction of outdoor water use. The resulting irrigation needs are met with reclaimed water from the City of St. Pete, saving energy and resources by avoiding the use of potable water.
- This building is located within walking distance to many community amenities, meaning students, employees, and visitors can run errands without the need for a car. This reduces vehicle emissions and promotes healthy lifestyles through walking/exercise. This site is also within close walking distance of four different bus routes and one future planned bus rapid transit route, providing even more options to forgo driving!
- USF St Pete recycles! Adequate storage bins are located within the facility that accommodate the collection of paper, cardboard, glass, plastic and metal. These recyclables are collected and stored in a discrete location in order to facilitate convenient and hygienic waste practices.
- Through the use of energy efficient lighting, lighting controls and HVAC systems, this facility is able to reduce its power usage by 28%. Additionally, the Dining and Residence Hall building has implemented an enhanced commissioning process in order to increase energy efficiency and effectiveness within the building. This means that an unbiased, third party expert reviewed the building plans and inspected its systems to ensure that everything is designed and functioning as intended.
- Generous amounts of window space allow for natural daylighting of the lounge area and dining hall, which is an energy saving design feature as well as an occupant comfort feature. In addition, there are occupancy sensors on the interior lighting located throughout common spaces to reduce energy use when spaces are not being utilized. All lighting throughout the entire facility is LED.
- The materials utilized in this building were selected, in part, for their low-emitting qualities and recycled content. For example, the patterned carpets

- on the ground floor contain 45% recycled content and the paint used on the walls contains zero Volatile Organic Compounds, or VOCs.
- During the construction of this building, great efforts were made to ensure the air quality would be of the highest level upon opening. Dirt and dust were minimized during construction, ductwork was sealed prior to operation, products used had low VOC content, and construction tasks were scheduled in a way that maintained the cleanest indoor environment possible.
  - The plumbing fixtures in this building use less water per flush and per minute than standard code required fixtures. Low flush toilets and urinals and low flow faucets and showerheads result in a 42% reduction of indoor water use for the building.

\*Project is pursuing LEED Silver, but has not yet officially submitted documentation and achieved certification. Update this language once certification is achieved