Modern Workspace for Staff

Promoting a healthy work environment

- Daylighting
- Thermal comfort
- 100% outside air used as ventilation air
- Solar control system (shading system)
- Bicycle racks
- Showers & changing areas

Efficient Energy Usage
Green Building Construction
Optimize Energy Performance
Water Resource Conservation

Key Building Partners

Information Technology Services, UH System
Office of Capital Improvements, UH System
Ferraro Choi and Associates, Ltd., Architect
DCK Pacific Construction, LLC, General Contractor
Bowers + Kubota Consulting, Construction Manager

Information Technology Services
2520 Correa Road
Honolulu, HI 96822
http://www.hawaii.edu/its/itc/about/

Leadership in Energy Environmental Design
What is a LEED Certification?

Leadership in Energy and Environmental Design (LEED) is a green building certification program by the U.S. Green Building Council (USGBC).

LEED is a set of rating systems that recognizes best-in-class building strategies and practices.

There are four levels of certifications: Certified, Silver, Gold and Platinum.

The Information Technology Center is pursuing LEED silver certification or higher.

Building Sustainability Strategies

Information Technology Center

The 74,000 square-foot modern building with a 8,000 square-foot state-of-the-art energy efficient data center opened in January 2014.

The IT Center houses enterprise information and communications technology systems and services that support modern teaching, administration and research for all ten UH campuses throughout the state of Hawai’i.

Web-Based Building Dashboard

A web-based building dashboard displays real-time information on energy and water consumption, temperature and humidity readings.

These measurements facilitate occupant behavior changes and promote and build awareness in sustainable strategies for building occupants and the general public.

Web: http://go.hawaii.edu/SN

Building Features

- 30% reduction in domestic water use
- Chilled beams for cooling in office areas to reduce overall building energy usage
- External sun shading system provides daylighting and reduces direct solar radiation resulting in lower cooling loads
- Individual lighting controls for over 50% of building occupants
- Use of reflective paved surfaces and roofing materials to reduce the heat island effect
- Energy submetering and building dashboard to provide energy consumption information and facilitate changes in occupant behavior that will save energy

Photos courtesy by Andrea Brizzi and ITS