

Hudson County Community College: *NHC: A Green Campus*

As a community-centered organization, Hudson County Community College is very mindful of our responsibility to be a good neighbor and a responsible steward of our environment. When plans were being developed for this campus, emphasis was placed on formulating a design that would not only be aesthetically pleasing and comfortable, but also more energy efficient, with better ventilation, and temperature and lighting control.

Several sustainable elements have been incorporated in this campus. These elements will all contribute to operational energy and cost savings, and include:

- A photovoltaic rooftop system that will generate electrical power by converting solar rays into direct current electricity.
- Daylight and occupancy sensors that turn lights on/off as people enter/leave spaces.
- Low-flow fixtures (sinks and toilets) for greater water conservation.
- Rainwater harvesting tanks.
- High-efficiency mechanical equipment such as interior light shelves that help to reflect light deeper into instructional spaces.

As a result of the inclusion of these and other “green” elements, the North Hudson Campus has attained the 26 points required for LEED (Leadership in Energy and Environmental Design) certification. This internationally recognized system of the United States Green Building Council measures how well a building performs in energy savings, water efficiency, CO2 Emissions reduction, improved indoor environmental quality, and stewardship of resources.

