

STUDENT HEALTH & WELLNESS CENTER AT LONGWOOD UNIVERSITY

**First LEED
Gold Certified
Recreation Facility
in the Southeast**



*Size: 74,650 S.F.
Budget: \$11,160,000
Bid: \$12,977,000
Completed: Fall 2007*

The new Student Health and Wellness Center offers basketball and raquetball courts; a Multi-Athletic Court; an exercise area with the latest equipment; a climbing wall; multi-purpose rooms for aerobic activities; an elevated running track; and student recreation and wellness office suites. The facility educates its users and campus community about sustainable design concepts and provides a healthy recreation environment.

The design team followed the principles and standards endorsed by the U.S. Green Building Council to achieve a gold LEED rating. High performance design features incorporated into the center include:

- waterless and water-efficient technologies to reduce water use by 40 percent;
- an energy-efficient HVAC system and other energy saving strategies, resulting in an anticipated 43 percent reduction in energy use;
- renewable energy provided by the campus central plant, which burns sawdust;
- HVAC equipment free of ozone-depleting HCFCs and Halons;
- a carbon dioxide monitoring system to help provide adequate ventilation and increase energy efficiency;
- construction waste management, resulting in the diversion of over 98 percent of waste from landfills;
- regionally-manufactured and recycled content materials;
- adhesives, sealants, paints, carpet, and composite wood products with low or no VOCs; and
- walk-off mats at main entrances, which reduce the amount of pollutants entering the building.

