

Designed to optimize its energy performance, the building is >25% more efficient than a code minimum building, thus reducing the impacts of excessive energy use. (EAp2 & EAc1)

The building's mechanical cooling equipment was specified with refrigeration systems that minimize direct impact on ozone depletion and global warming. (EAp3 & EAc4)

Only native / adapted, non-invasive non-native plants were used for the landscaping; therefore, they did not require a permanent irrigation system. (WEc1)

Products and materials were used that were made such that the post-consumer recycled content + 1/2 of the pre-consumer content is > 20% of the total value of the materials in the project. (MRc4)

Products and materials used were extracted, harvested, recovered, &/or made ≤500 miles of the site for >30% of the total value of materials in the project. (MRc5 & IDc1.5)

An IAQ Mgmt. Plan for the construction and preoccupancy phases of the building was implemented, and a total building flush-out was performed prior to occupancy. (IEQc3.1&2)

Only adhesives, sealants, paints, coatings, flooring systems, & composite wood / agrifiber products which complied with specified requirements were used within the building. (IEQc4.1 - 4.4)

The building's fenestration was designed to achieve a direct line of sight to the outdoor environment via vision glazing for occupants in 90% of all regularly occupied areas. (IEQc8.2)

The use of low flow high efficiency plumbing fixtures are expected to save approximately 21,000 gallons of water per year (a 38% overall reduction in water use in a standard building. (WEc3)







High reflectance roof materials were used to reduce the "heat island effect" on the site. (SSc7.2)

Transportation amenities such as secure bike racks, showers and changing facilities are provided to help reduce pollution and land development impacts from automobile use. (SSc4.2)

The building's custodian utilizes "green" cleaning equipment & cleaning products. These "green housekeeping" practices serve to further implement the college's goals for sustainability. (IDc1.2)

**LEED* FEATURES AT THE
VWCC STUDENT LIFE CENTER
ROANOKE, VIRGINIA**

LEGEND

 SUSTAINABLE SITES (SS)	 MATERIALS & RESOURCES (MR)
 WATER EFFICIENCY (WE)	 INDOOR ENVIRONMENTAL QUALITY (IEQ)
 ENERGY & ATMOSPHERE (EA)	 INNOVATION & DESIGN PROCESS (ID)

*LEED (Leadership in Energy and Environmental Design) is a nationally accepted benchmark for the design, construction and operation of high performance green buildings