

BEDFORD ARTS BUILDING AT LONGWOOD UNIVERSITY

Renovations to Art Space Created With LEED in Mind

Size: 63,000 SF
Budget: \$25,800,000
Bid: \$16,519,000
Est. Completion: 2012



Renovations and additions to the existing Bedford Arts Building are intended to address the Longwood University Art Department's need for space and for appropriate systems; to provide a safe and inviting environment for both students and faculty; and to draw the interest of other students at the university. The main spaces in the building are art studios, which will be supported by critique spaces, faculty and departmental offices, vending and gathering spaces for students, student lockers, and storage. The glass-walled entrance of the building provides views from the outside into the student and faculty gallery space, which will allow the building to "put the arts on display," one of the main goals of the project.

To further enhance student and faculty surroundings, and as a statement of the university's focus on sustainability, the building will feature sustainable design elements influenced by LEED Version 2.2. Sustainable features of the facility will include:

- insulation added to existing walls to increase energy efficiency;
- new walls designed to be more efficient than codes require;
- lower lighting power density and occupancy sensors to decrease lighting loads;
- white EPDM roofing to reflect solar radiation;
- carbon dioxide sensors to assist in providing adequate ventilation;
- outdoor airflow measurements at all air-handling units for improved indoor air quality; and
- dual-flush water closets, 0.125 gallon-per-flush urinals, and 0.5 gallon-per minute lavatories, which will contribute to an estimated 50 percent reduction in water use.