

NEW TECHNOLOGY CENTER AT LONGWOOD UNIVERSITY

Restoration Plan Includes Original Materials and Green Strategies

Size: 41,869 SF
Budget: \$15,700,000
Bid: TBD
Est. Completion: 2013



The new Technology Center at Longwood University will be housed in what is currently French Hall. Renovations provide space for the university's Information and Instructional Technology Services Department (IITS), as well as the Communication Studies and Theater Department (CTS). The updated design features open offices, conference areas, computer labs, a student help desk, student radio station, and a media production facility. Building on the University's architectural history, the project includes restoring all existing exterior materials to their original Georgian Period design. The existing lobby will be renovated to enhance the space's historic character and will serve as a multipurpose room for the Center.

With a goal of achieving LEED Silver certification, the project team is incorporating the principles and standards endorsed by the U.S. Green Building Council into the design and construction of the facility. High performance design features incorporated into the center will include:

- adding steel studs and insulation to existing walls, which will be stripped to their original brick;
- adding spray foam insulation to the roof;
- steam supplied by the central campus biomass plant;
- submeters to monitor energy use by load;
- carbon dioxide sensors to assist in providing adequate ventilation; and
- an estimated 50 percent reduction in water use, achieved through the installation of 1.28 gallon-per-flush water closets, 0.125 gallon-per-flush urinals, and 0.5 gallon-per minute lavatories.