

LEED

INNOVATION

The United States Green Building Council, which oversees all LEED certification awards, has established a category, Innovation & Design Process, for project teams that achieve innovative and exceptional performance or significantly exceed the standard requirements established in the LEED Green Building Rating System.

Four of the innovative strategies employed at EAST HALL qualify for Innovation and Design credits.

This display is itself a part of a Green Building Education program designed to educate a broad audience about sustainable design, especially the sustainable solutions integrated into the EAST HALL project. As part of this effort, WPI will employ an educational outreach program that integrates the sustainable principles of this project into targeted areas in the academic curriculum. In addition, a pamphlet has been created that will be distributed to educate visitors and occupants of the sustainable features in the building.

A signage and education program will be instituted to inform building users of the myriad ways in which this building has been designed and constructed in environmentally conscientious ways.

The project diverted 93% of the projects construction waste away from landfills, thereby achieving both points available in the Materials and Resources Category of LEED.

The United States Green Building Council awards projects with an innovation point for Exemplary performance when certain individual requirements exceed the already stringent performance requirements outlined in the LEED rating system. WPI was fortunate to receive two Exemplary Performance points for providing thirty four percent (34%) of building materials from locally manufactured or locally sourced vendors as well as for increased open space as outlined in the Sustainable Site Category.

WPI is instituting a program that will use only housekeeping materials that meet the strict Green Seal standards of environmental responsibility. If successful, this program can be expanded for comprehensive implementation in all campus facilities.

Additional innovative measures have been designed into the project, in support of student education and research opportunities, and are described in greater detail throughout the building.

One Innovation and Design credit is available to any project with a team member who has passed the LEED exam and as a result is LEED accredited. On the WPI project, there were seven project team members who were LEED accredited.

Creating a building as environmentally responsible as East Hall is a significant undertaking and requires a sincere and

committed dedication to the principles of sustainability

by all those who have contributed to its design, construction and future use. The following team members should be recognized for their commitment to the success of this project:

Worcester Polytechnic Institute, in particular the Residence Hall Planning Committee

Cannon Design, Architect, Mechanical, Electrical, Plumbing and Structural Engineers

Cullinan Engineering – Civil Engineers

Brown Sardina – Landscape Architects

Gilbane Construction Co., Inc, Construction Managers

RDK Engineers – Commissioning Agent

Cardinal Construction, Inc. – Owner's Representative