

Husson University Living and Learning Center

Bangor, Maine

Owner

Husson University

Architects

Winton Scott Architects

Construction Manager

Allied/Cook Construction

Mechanical and Electrical Engineers

Titan Mechanical
Favereau Electric

Completion Date

August 2012

Construction Cost

\$11 million

Total Area

61,000 sf

LEED Certification Level

Gold

Services Provided

LEED Consulting
Energy Modeling
Daylight Analysis
Owner's Sustainability Representative



The new five-story living-learning facility constructed on the Husson University campus includes five new classrooms on the first floor and suite-style dorm room accommodations for 240 students. Acting as the owner's sustainability representative and LEED consultant, Fore Solutions, acquired by Thornton Tomasetti in 2012, played a critical role at the early stage of the project by assisting in crafting design-build qualifications with strict energy performance requirements and LEED criteria.

In addition to organizing a charrette with the design-build team, innovative energy efficiency recommendations included a drainwater heat recovery system, solar hot water system and supporting the design of classrooms through daylight modeling services. The building is equipped with a Green Education dashboard that will provide water and electricity usage data in order to create awareness and modify occupant behavior. The dashboard, which serves as a centerpiece of the first floor, also includes slides that highlight the sustainable features of the building.

The facility is designed to use 46 percent less water and 36.5 percent less energy than a standard code compliant building. The project team exceeded the initial target of LEED Silver certification and achieved Gold.

