



ADMINISTRATIVE PROCEDURE

TITLE: New Construction, Renovation, and Building Improvement Energy Policy/Guidelines

ADMINISTRATIVE PROCEDURE # 6660

RELATED TO POLICY # #6660 NEW CONSTRUCTION, RENOVATION, AND BUILDING IMPROVEMENT ENERGY POLICY/ GUIDELINES, AND #6650 STRATEGIC ENERGY MANAGEMENT

These Guidelines will help members of the College community play a role in promoting efficient, reduced energy use.

A. New Construction Standards Umpqua Community College requires that energy efficiency be a top priority in the design of all new buildings to be built on College property.

1. The College will adhere to current ASHRAE Standards for Energy Efficient Design of New Buildings except Low Rise Residential Buildings.
2. The College will promote LEED design standard equivalency for all UCC facilities and require life-cycle cost analysis of each new facility development.
3. The College will invite involvement of the UCC Strategic Energy Management Team for new buildings and building renovation planning and design processes.

B. Renovation and Building Improvement Standards When renovating existing structures, the College will make energy efficiency a top priority.

1. The College will replace existing building elements (windows, doors, HVAC systems, insulation, roofing, electrical systems, ductwork, etc.) with more energy-efficient ones, as budgets allow.
2. The indoor environmental controls of the building will be evaluated and systems balanced when renovation requires the change or reconfiguration of occupied areas.
3. The College will invite involvement of the UCC Strategic Energy Management Team for new buildings and building renovation planning and design processes.

C. Definitions

1. **“High-performance building”** refers to a public building that is designed, constructed, and capable of being operated in a manner that:
 - a. Has high environmental performance that increased economic value over time;
 - b. Safeguards the health of occupants;
 - c. Enhances satisfaction and productivity of workers through energy-efficient systems;
 - d. Incorporates environmentally friendly materials and products; and
 - e. Reduces waste.

2. **“LEED”** refers to the building rating systems developed on or after January 1, 2005, by the United States Green Building Council. The rating systems allow designers, property owners, and managers to evaluate and rate buildings against best sustainable building design and practices, and to integrate principles of sustainable architecture at every stage of project delivery in order to design and construct buildings that will be energy-efficient and resource-efficient using a whole-building approach in five (5) key areas of human and environmental health:
 - a. Sustainable site development;
 - b. Energy efficiency;
 - c. Environmental quality;
 - d. Water savings;
 - e. Material selection.

RESPONSIBILITY:

The Director of Facilities and Security is responsible for implementing and updating this procedure.

NEXT REVIEW DATE:

DATE OF ADOPTION: 6/3/2021 by CC

DATE(S) OF REVISION:

DATE(S) OF PRIOR REVIEW: