



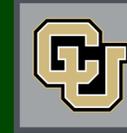
University of Colorado  
Colorado Springs

Centennial Hall earned 41 points for a Gold certification under the U.S. Green Building Council's LEED for Commercial Interiors rating system.

# CENTENNIAL HALL



LEED Gold  
Certified  
For Commercial Interiors



University of Colorado  
Boulder | Colorado Springs | Denver | Anschutz Medical Campus

The \$17 million Centennial Hall renovation included energy and water conservation measures, improved classrooms, offices, a large auditorium and combination amphitheater and demonstration garden.



25 kW photovoltaic system installed on the roof of Centennial Hall



UCCS purchased 318,960 kWh of renewable energy credits, which represents 50% of the building's electricity use for two years. This purchase will help to prevent up to 357,235 lbs. of carbon dioxide emissions into the atmosphere.

## Leadership in Energy and Environmental Design Green Feature Highlights

### Sustainable Sites

- Access to public/campus transportation
- Bicycle lockers, racks, showers and changing rooms
- Preservation of 42,800 square feet of dedicated open space on the campus to remain for the lifetime of the building
- High development density with residential zones within 1/2 mile and 12 basic services
- Reduction of heat island effect, concrete paving in lieu of asphalt and highly reflective (light colored) roofing materials

### Materials and Resources

- On site-recycling receptacles for paper, plastic, cardboard, glass and metals
- Construction waste recycling diverted over 89% of construction materials from landfill
- 78% of all wood used on project harvested sustainably from Forest Stewardship Council certified forests.
- 33% of total building materials content, by value, manufactured using recycled materials.

### Energy and Atmosphere

- 46% reduction in energy use for HVAC system
- 97.55% of equipment and appliances in project are Energy Star rated
- Green power—50% of the building's electricity usage is being provided for 2 years by renewable sources through the purchase of renewable energy credits
- Commissioning of building systems to ensure performance
- Window treatments including Low-E and fritted glass and sunshades to reduce solar gain
- Sub-metering provided to track energy use by type

### Indoor Environmental Quality

- Low-chemical paints, adhesives, sealants, carpets, and composite wood products
- HVAC system designed to provide fresh air at a rate of 30% greater than the minimum standards.
- Carbon dioxide sensors installed to monitor occupant density and deliver fresh air when needed.

### Water Efficiency

- Efficient plumbing fixtures projected to reduce building water use by 47%

### Innovation

- Exemplary performance—exceed 40% for energy optimization
- Exemplary performance—exceed 40% in water use reduction
- LEED Education/Public Awareness Program

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