Rockwell Hall West

The new addition to Rockwell Hall, the new home of the Minor in Business, on Colorado State University’s main campus has earned LEED Gold certification from the U.S. Green Building Council (USGBC). The 51,000 square foot project consists of several new classrooms, faculty and grad student offices, conference rooms and student lounge space. In 2006 the CSU student body passed an ASCSU referendum in that required all student-funded buildings on campus to achieve a minimum of LEED Silver certification. This project is the first to fall under the new rule and the project team set a goal to go beyond this requirement by targeting, and achieving, LEED-NC Gold Certification.

The project team for Rockwell Hall incorporated many sustainable strategies into the design and construction of this building. Highly efficient indoor water fixtures which have reduced the daily water consumption by 42% compared to a typical building. Energy efficient features allow the building to perform over 29% better than a similar building built to code. High performance glazing, daylighting, lighting controls, and increased R-values in the roof and walls contribute to the superior energy performance of the building. Daylighting throughout the building not only reduces energy consumption, but also improves the quality of the indoor environment. Low VOC adhesives, paints, and carpets further enhanced the air quality of the indoor environment.

The location and access to public transit allow occupants to use alternative forms of transportation including bicycles, busses, and carpools. Rockwell Hall also installed a charging station for electric vehicles, earning an additional point.

Much attention was paid to the materials used on the project; over 30% of these materials contained recycled content, and over 21% of these materials were regionally sourced. In addition, over 76% of the construction waste from the construction of Rockwell Hall was diverted from the landfill. Along with these, the building continues to teach every day. Informative panels are hung on the walls are designed to educate staff, students, guests and visitors about the green design elements of the building.

<table>
<thead>
<tr>
<th>Gold</th>
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<tbody>
<tr>
<td>Sustainable Sites</td>
<td>9/14</td>
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<tr>
<td>Water Efficiency</td>
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<td>Energy &amp; Atmosphere</td>
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<td>Materials &amp; Resources</td>
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<td>Indoor Environmental Quality</td>
<td>12/15</td>
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<td>Innovation in Design</td>
<td>5/5</td>
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</tbody>
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Project Team

Owner
CSU Facilities

Architect
Davis Partnership, Inc.

Civil Engineer
Martin/Martin, Inc.

Mech. Engineer
Shaffer Baucom

Elect. Engineer
Architectural Energy Corp

Contractor
Dohn Construction