



**SAN DIEGO COMMUNITY
COLLEGE DISTRICT**

City College • Mesa College
Miramar College • Continuing Education



NEWS RELEASE

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City College Career Technology Center Awarded LEED Gold Certification for Sustainable Design

*Certification is fifth Gold for San Diego Community College District;
facility includes nation's largest vertical solar array*

SAN DIEGO – The new [Career Technology Center](#) (CTC) at San Diego City College has been awarded [Leadership in Energy and Environmental Design](#) (LEED) Gold certification for sustainable and green design by the United States Green Building Council (USGBC). The USGBC is an organization that promotes sustainable, efficient and healthy building design and operation. The Career Technology Center, which was completed in May 2010, is the District's seventh facility to be LEED certified, and fifth to achieve a LEED Gold designation.

"This is a great accomplishment for our district," said Dr. Constance Carroll, San Diego Community College District Chancellor. "Not only have we provided a phenomenal new building in which people will train for in demand jobs, but one that is environmentally excellent as well."

The CTC is City College's first facility to obtain the prestigious Gold certification. The campus' Learning Resource Center was the District's first LEED-certified project, certified LEED Silver in 2008.

"I am very pleased that we have been recognized as a leader in sustainable construction," said Dr. Terrence Burgess, City College President. "We have a commitment that all of our new buildings will qualify for LEED certification and this project keeps us squarely on that path."



The \$63.1 million Career Technology Center is a new five-story, 88,000-square-foot instructional and career training facility, housing the expanded and in demand Nursing, Cosmetology and Photography and Digital Arts departments. It includes extensive use of recycled and sustainable materials throughout the building, such as terrazzo flooring that contains 100% post-consumer glass. Steel remnants left over from the exterior finishes are used as part of the interior design elements. An attached solar panel installation generates approximately 68,000 kWh of renewable energy each year, and includes the largest vertical solar array of its kind in the country.

The project was designed by San Diego-based Carrier Johnson + CULTURE, led by principal Kevin Krumdieck. “The sustainable aspects of the project are many due to the unique design approach, from the south facing solar ‘billboard’ to the 52% potable water savings,” said Krumdieck. “The USGBC’s LEED Gold certification confirms the design goals were accomplished and offers recognition of a much more sustainable future for City College.”

The project includes several unique sustainable features:

- Embraces alternative transportation with close connections to trolley and bus routes, bike storage, and preferred parking for fuel efficient cars
- 100% filtering of storm water to reduce impact on San Diego’s sewer system
- Development remediated 8,000 cubic yards of contaminated soil left from previous industrial uses
- Use of water-efficient landscaping and synthetic turf created a 57% reduction in irrigation water demand
- State-of-the-art plumbing fixtures reduces potable water usage by 55%
- Energy conservation approach allows the project to use 21.4% less energy than comparable code-complying buildings
- Products used within the facility have high recycled content (31.7%)
- 27.7% of the materials used are regional (harvested and assembled within 500 miles of the site)
- 63.7% of construction waste was diverted from local landfills which equates to 558 tons of material
- Materials with low volatile organic compounds (VOC) used throughout, reducing off-gassing pollutants

The Career Technology Center was funded by the District’s \$1.555 billion Propositions S and N construction bond program, which is providing for new teaching and learning facilities, major renovations, and campuswide infrastructure projects at City, Mesa, and Miramar Colleges, and six Continuing Education campuses throughout San Diego. As part of the Green Building Policy developed by the SDCCD Board of Trustees, all construction and major renovations included in the bond program are designed and built to obtain, at minimum, LEED Silver certification.

The Career Technology Center project team included:

- **Architect:** Carrier Johnson + CULTURE
- **Construction Manager:** Rudolph & Sletten
- **Mechanical Engineer:** MA Engineering
- **Electrical Engineer:** ILA Zammitt
- **Structural Engineer:** KPFF Consulting Engineers
- **Civil Engineer:** RBF Consulting
- **Landscape Architect:** McCullough Landscape Architecture
- **Solar/Photovoltaic Contractor:** Sullivan Solar
- **Campus Project Manager:** Thomas J. Fine, JE Moore Consulting
- **Propositions S and N Program Manager:** Gafcon, Inc.