



MONTCLAIR STATE UNIVERSITY

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CELS Receives First LEED Gold Certification on Campus

Leadership in Energy and Environmental Design awards the Center for Environmental & Life Sciences building Gold status.



The Center for Environmental and Life Sciences is the first building on our campus to receive a Gold status from the Leadership in Energy and Environmental Design (LEED). After all the planning and work dedicated to the CELS project this wonderful accomplishment, for the University and the College of Science and Mathematics, adds to the already great reputation of one of the newest buildings on our campus. The CELS building received 61 points, with 60 and above awarded Gold status.

About LEED Certification

Projects pursuing LEED certification earn points across several areas that address

sustainability issues. Based on the number of points achieved, a project then receives one of four LEED rating levels: Certified, Silver, Gold and Platinum. LEED-certified buildings are resource efficient.

Point Breakdown

Below is the detailed points breakdown for LEED certification:

Sustainable Sites

- SSp1 Construction Activity Pollution Prevention Y
- SSc1 Site Selection 1/1
- SSc2 Development Density and Community Connectivity 5/5
- SSc3 Brownfield Redevelopment 0/1
- SSc4.1 Alternative Transportation-Public Transportation Access 6/6
- SSc4.2 Alternative Transportation-Bicycle Storage and Changing Room 0/1
- SSc4.3 Alternative Transportation-Low-Emitting and Fuel-Efficient V 3/3
- SSc4.4 Alternative Transportation-Parking Capacity 2/2
- SSc5.1 Site Development-Protect or Restore Habitat 0/1
- SSc5.2 Site Development-Maximize Open Space 1/1
- SSc6.1 Stormwater Design-Quantity Control 0/1
- SSc6.2 Stormwater Design-Quality Control 0/1
- SSc7.1 Heat Island Effect, Non-Roof 0/1
- SSc7.2 Heat Island Effect-Roof 0/1
- SSc8 Light Pollution Reduction 0/1

Water Efficiency

- WEp1 Water Use Reduction, 20% Reduction Y
- WEc1 Water Efficient Landscaping 4/4
- WEc2 Innovative Wastewater Technologies 0/2
- WEc3 Water Use Reduction 4/4

Energy and Atmosphere

- EAp1 Fundamental Commissioning of the Building Energy Systems Y
- EAp2 Minimum Energy Performance Y
- EAp3 Fundamental Refrigerant Mgmt Y
- EAc1 Optimize Energy Performance 3/19
- EAc2 On-Site Renewable Energy 0/7
- EAc3 Enhanced Commissioning 2/2
- EAc4 Enhanced Refrigerant Mgmt 2/2
- EAc5 Measurement and Verification 1/3
- EAc6 Green Power 2/2

Materials and Resources

- MRp1 Storage and Collection of Recyclables Y
- MRc1.1 Building Reuse-Maintain Existing Walls, Floors and Roof 0/3
- MRc1.2 Building Reuse - Maintain 50% of Interior Non-Structural Ele 0/1
- MRc2 Construction Waste Mgmt 2/2
- MRc3 Materials Reuse 0/2
- MRc4 Recycled Content 2/2
- MRc5 Regional Materials 2/2
- MRc6 Rapidly Renewable Materials 0/1
- MRc7 Certified Wood 1/1

Indoor Environmental Quality

- IEQp1 Minimum IAQ Performance Y
- IEQp2 Environmental Tobacco Smoke (ETS) Control Y
- IEQc1 Outdoor Air Delivery Monitoring 1/1
- IEQc2 Increased Ventilation 1/1
- IEQc3.1 Construction IAQ Mgmt Plan-During Construction 1/1
- IEQc3.2 Construction IAQ Mgmt Plan-Before Occupancy 1/1
- IEQc4.1 Low-Emitting Materials-Adhesives and Sealants 1/1
- IEQc4.2 Low-Emitting Materials-Paints and Coatings 1/1
- IEQc4.3 Low-Emitting Materials-Flooring Systems 1/1
- IEQc4.4 Low-Emitting Materials-Composite Wood and Agrifiber Products 1/1
- IEQc5 Indoor Chemical and Pollutant Source Control 1/1
- IEQc6.1 Controllability of Systems-Lighting 1/1
- IEQc6.2 Controllability of Systems-Thermal Comfort 0/1
- IEQc7.1 Thermal Comfort-Design 1/1
- IEQc7.2 Thermal Comfort-Verification 1/1
- IEQc8.1 Daylight and Views-Daylight 0/1
- IEQc8.2 Daylight and Views-Views 0/1

Innovation in Design

- IDc1.1 Building as a Teaching Tool 1/1
- IDc1.1 Innovation in Design 0/1
- IDc1.2 Innovation in Design 0/1
- IDc1.2 Green Power 1/1
- IDc1.3 Innovation in Design 0/1
- IDc1.3 Fume Hood Commissioning 1/1
- IDc1.4 Innovation in Design 0/1
- IDc1.4 Green Cleaning Policy 0/1
- IDc1.5 MR 4 Recycled Content 1/1
- IDc1.5 Innovation in Design 0/1
- IDc2 LEED® Accredited Professional 1/1

Regional Priority Credits

SSc4.1Alternative Transportation-Public Transportation Access 1/1

TOTAL: 61 OF 107