



Allan Hancock College

SUSTAINABILITY COMMITTEE

The Allan Hancock College Sustainability committee is a sub-committee that reports to Facilities Council. As a collective, our charge is to establish and promote campus-wide sustainability awareness that supports students and employees to be global citizens and stewards of the environment.

Membership to the sub-committee is open to all constituents on campus including students, faculty, staff, and administrators. We invite you to come meet with us to share what your department is doing, ideas you may have, and promote sustainability. If you would like more information or interested becoming a member please scan our QR code at the bottom of this page to leave us a message and we will be sure to connect!

ENVT 150:
Hazardous
Materials General
Site Worker class

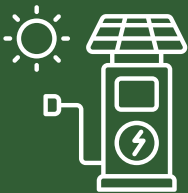


“Sustainability is meeting the needs of the present, while preserving resources to meet the needs of future generations.”



Emissions

Reduce greenhouse gas emission levels below 1990 levels by 30% by 2025 and 40% by 2030.



Energy

Increase renewable energy consumption to 25% by 2025, and to 50% by 2030.



Construction

50% of all new buildings and major renovations will be zero net energy (ZNE) by 2025, and 100% by 2030.



LEED Silver

50% of all new building and major renovation will achieve LEED Silver or equivalent rating by 2025, and 100% by 2030.

California Community Colleges provide goals and guidance for districts to achieve energy conservation, sustainable construction, and shares best practices necessary to reduce waste across the state. To learn more about the State Chancellor Office Sustainability Policies see their [Key Goals / Benchmarks](#) and [Climate Action Framework](#).

In alignment with these regional goals, Allan Hancock College's [Board Policy 3950](#) on Sustainability and the [Facilities Master Plan](#) outlines the priorities of the college to promote sustainable practices. The plan is an approach to establish institutional sustainability in all areas of the College including instruction, operations, construction, facilities, energy production, landscape and maintenance.



hancockcollege.edu/sustainability





Architecture students from left: Alejandra Rosales, Lesley Vazquez, and Nallely Cortez, testing the daylight levels inside their study model of the Kimbell Art Museum gallery space.

SUSTAINABILITY EDUCATION

The architectural technology program started a course, *ARCH 107: Sustainable Design Methods and Technology*, last year. In this learn-by-doing course, students built models of interior spaces and tested the daylight levels inside. This exercise helps them appreciate designs that use natural lighting by utilizing windows and skylights. Incorporating sustainable design methods can significantly reduce energy demands through passive heating /cooling, consideration of daylighting / shading, and utilization of solar panels.

Interested in sustainable career? Architectural Technology offers a Associates in Science or Certificate of Achievement which can lead to new job where an average employees can make 60K, upwards to 80K a year!



SCAN HERE

To see more of the projects students have completed in ARCH 107 at AHC



SCAN HERE

To view education pathways in Architecture or view a Career Pathway Report

February 2024

ELECTRIC VEHICLE DATA

1,738 GHG Savings (kg)

519 Gasoline Saved (Gal)

4,138 Energy (kWh)

Equivalent to carbon sequestered:

76.3 tree seedlings grown for 10 years ?

5.4 acres of U.S. forests in one year ?

Equivalent to CO₂ :

5,083 pounds of coal burned ?

304,492 number of smartphones charged ?

Check out the Greenhouse Gas Equivalencies Calculator to see the impact of these diversion methods with the EPA.



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