

*Continued from previous panel*

#### 14 Features include:

- Active radiant heating and cooling ceiling
- Building design utilizes recycled irrigation water and/or harvested rainwater for irrigation purposes. A weather station will be integrated with the irrigation system to modulate the water use based on real-time evapotranspiration rates.
- Ceiling courts to open the building to better light in otherwise dark areas while providing a source of natural ventilation.
- Building products that incorporate recycled content materials.
- All storm water runoff from impervious paving areas will be captured and treated in storm water gardens or used on site in storm water features that provide evaporative cooling during the summer months. Water will be directed to the gardens and released in a channel that flows to the pond.
- Highly efficient site lighting fixtures.

#### 15 Art Department

Re-uses and recycles all forms of debris, scraps, and used items to create beautiful works of art.

#### 16 Performing Arts Center

Commitment to reuse. Nearly all items used in drama productions has been reused and modified from something else.

#### 17 Transit Center

Our gorgeous new transit center makes taking public transportation to campus easier than ever. The County Connection offers new hybrid buses on many transit lines. Last year 3,528 Metric Tons of Greenhouse gases (CO<sub>2</sub>e) were saved by people who chose County Connection instead of driving.

#### 18 Horticulture

Green industry professionals work with urban and natural spaces on a daily basis, improving our quality of life and ensuring the sustainability of our environment.

#### 19 Garden

Vegetables, herbs, fruits, and flowers are all grown organically. Watering is done as needed. Every effort is made to use and distribute what is grown in the garden. All are welcome to visit and harvest what is available.

#### 20 Buildings and Grounds, Custodial

- Energy saving management system which controls heating and cooling systems.
- Nearly all fluorescent lights have been switched to T-8, moving toward T-5 LED tubes.
- Lighting Sensors are in new rooms and about 80% of campus.
- Energy saving V.F.D's (Variable Frequency Drives) installed on motors
- Apply window film to reduce heat in many rooms as requested.
- Can remotely track energy usage and shut off HVAC remotely. In a recent competition between campuses, DVC did best and received money to upgrade some HVAC equipment. • Freon used in HVAC being phased out to an eco-friendly product (R12 -> 134, 134A). Reflective paint used on some roofs to reduce heat.
- Preventative maintenance program on mechanical systems by servicing the equipment, changing belts and filters to save energy.

#### 21 Physical Education

All bottles, cans, and glass are collected after every game and recycled. The money is used toward athletic department purchases.

#### 22 Commitment to campus wildlife

- Many different species of wildlife call Diablo Valley College 'home'.
- Environmentally friendly bacteria instead of toxic chemicals are used in the lake and pond to control algae.
  - Bee nests (when determined to be a hazard to students) are carefully removed and relocated.

## Recycling on Campus

#### Glass, Plastic, Paper, Aluminum, Scrap Metal

Large brown cans are located in various areas around campus that provide for commingled recycling materials. Volunteers take them to the curb where they are picked up by Republic Waste Services.

Smaller recycling containers are clearly labeled and located next to classrooms in multiple locations. These containers are emptied by the custodial staff. Liners for the cans are made from recycled materials.

#### Batteries and Ink Printer Cartridges

Containers are located in the AB building next to the mail room to collect batteries and Ink Cartridges used by DVC faculty and staff of to be properly disposed of.

#### Organic materials: food scraps, green waste

Diablo Valley College now has a green waste composting program. Food and food soiled materials will be composted to provide nutrient rich soil to fertilize the landscaping of our beautiful campus.

#### Styrofoam

Diablo Valley College is a Styrofoam-free campus. Styrofoam does not breakdown easily and it releases chemicals when it gets wet that contaminates water that touches it thus contaminating the water supply. It cannot be easily recycled. All Styrofoam must be placed in the regular garbage containers.

## DVC Sustainability Committee

An environmental sustainability committee comprised of faculty, staff, managers, and students is in place to promote environmental awareness on campus. The committee develops recommendations to the college that are designed to promote throughout the college community conservation of resources, energy efficiency, waste reduction and recycling, pollution prevention, increased reliance on renewable resources, and other measures consistent with sustainable living.

The Sustainability Committee hosts an **Earth Day Celebration** every year in April and a **Bike to Work Day** every year in May.

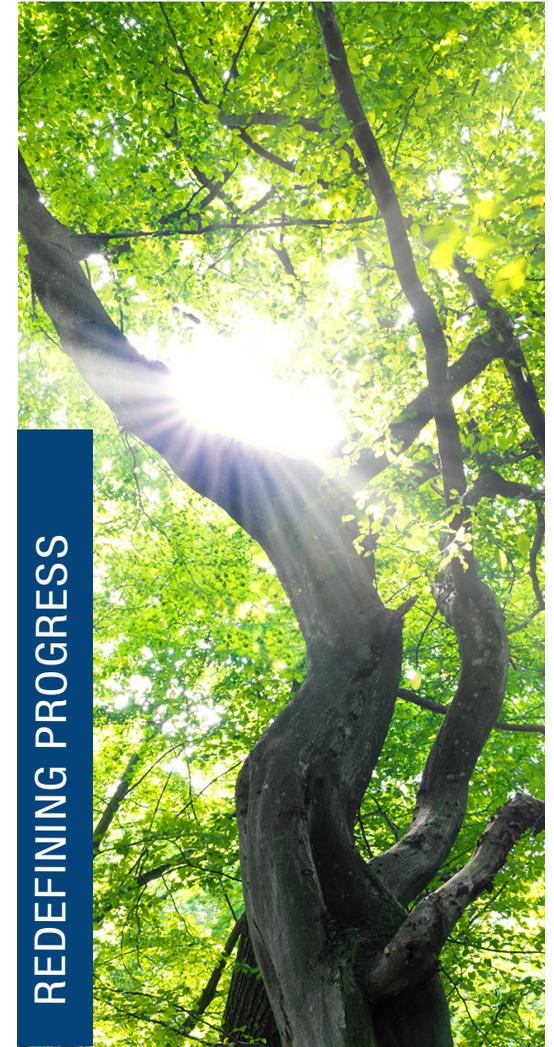
This brochure was created by the DVC Sustainability Committee.

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**DIABLO VALLEY COLLEGE  
SUSTAINABILITY MISSION STATEMENT**  
Diablo Valley College is passionately committed to student learning through the intellectual, scientific, artistic, psychological, and ethical development of its diverse student body. Diablo Valley College prepares students for transfer to four-year universities; provides career and technical education; supports the economic development of the region; offers pre-collegiate programs; and promotes personal growth and lifelong learning.

**DVC**  
DIABLO VALLEY COLLEGE

## Sustainability Tour Map



REDEFINING PROGRESS

