Coconino Community College District
Environmental Sustainability Plan

Lone Tree Campus

Fourth Street Campus

Page Campus

Williams Campus

gogreen@coconino.edu

Revised 11/2/10
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President’s Letter
Vision:
Leading our communities in life-long learning.

Mission:
As a learning-centered college, we enrich lives by embracing diversity and transforming the future through quality education.

Purposes to Achieve Mission:
General Education  Transfer Education  Occupational Education  Continuing Education  Developmental Education  Economic Development  Technology Integration  Student Services  Cultural and Community Service

Core Values:
We – the personnel and District Governing Board of Coconino Community College – are dedicated to providing quality educational opportunities to our community. In doing so, we commit to the following core values to guide our decisions and behaviors as we seek to meet the changing needs, aspirations, and goals of our community.

People
We strive to accept the uniqueness of each individual and the contribution each person makes. We strive to create a caring, accepting, and productive environment for our students, employees, and community.

Learning and Growth
We are dedicated to providing lifelong learning opportunities for our students, employees, and community to empower them to achieve their dreams. In this endeavor, we create learning opportunities that are accessible and relevant to our students and which place the learner first.

Quality
We recognize the importance of continually improving our educational offerings and services and the need to hold our students and ourselves to high expectations and standards. We employ a dynamic, strategic planning process and constantly assess our activities to be responsive and accountable to our students, employees, and community.

Ethics
We believe that to be effective we must demonstrate integrity. Therefore, we uphold the highest ethical standards in all of our activities resulting in a responsible and fair environment for our students, employees, and community and a responsive and open decision-making process.
Community
We exist for our community; therefore, we must be responsive to its changing needs and its diversity. To do so, we strive to provide services that are timely, accessible, and affordable. We also pursue partnerships and collaborations throughout our community to be responsive to the needs of our diverse populations.

Respect
We recognize that learning cannot occur without respect. We are committed to the acceptance of diverse cultures, differing ideas and beliefs, and the uniqueness of each individual since these are the foundations of respect.

Sustainability
We commit to innovative thinking to guide our decisions toward sustainable practices in our living, learning and working environments. In this earnest endeavor, we strive to demonstrate adaptive leadership, eco-friendly stewardship, and quality education in a mindful and economically feasible manner.

CCC Sustainability Committee
Mission Statement

Mission Statement:
• Learning, Living, and Working Sustainably

Committee Goal:
• Develop a sustainability plan, with identified short- and long- term goals, that fits into and complements the CCC Strategic Plan.
What is Sustainability?

Sustainability is just one word and yet there exists over 300 definitions.

The best-known definition of sustainability or sustainable development is the definition by the World Commission on Environment and Development. This suggests that sustainability is defined as "forms of progress that meet the needs of the present without compromising the ability of future generations to meet their needs."

The diagram (right) is a template for reporting on sustainability.

Environmental Sustainability

Environmental sustainability refers to the environmental actions or impacts of what we do. In moving towards sustainability, we are attempting to reduce our ecological footprint or to tread more lightly on the Earth. This equates to reducing the amount of resources we use (and buy), the waste we produce, and the emissions we produce.

With every action impacting on the planets ecosystems, from the local to the global, the world is changing and it is not just the climate.

http://www.griffith.edu.au/ofm/sustainability/content_definition.html

"Sustainability is an economic state where the demands placed upon the environment by people and commerce can be met without reducing the capacity of the environment to provide for future generations. It can also be expressed in the simple terms of an economic golden rule for the restorative economy: Leave the world better than you found it, take no more than you need, try not to harm life or the environment, make amends if you do."

Paul Hawken, "The Ecology of Commerce", 1993

“Development that meets the needs of the present without compromising the ability of future generations to meet their own needs."

This definition was created in 1987 at the World Commission on Environment and Development (the Brundtland Commission). It is enshrined in the Swiss federal constitution. It is similar to the "seventh generation" philosophy of the Native American Iroquois Confederacy, mandating that chiefs always consider the effects of their actions on their descendants seven generations in the future.
Executive Summary

The contents within this plan incorporate the intent of Coconino Community College’s Vision and Mission statements, the Sustainability Committee Mission, and the Core Values of CCC. The Committee is composed of members representing a cross section of the College. The Sustainability Task Force was commissioned and charged with the duties of developing a district-wide plan for sustainability with identified short- and long- term goals. The Task Force is now recognized as the CCC Sustainability Committee.

Based on our mission statement of “Living, Learning, and Working Sustainably,” the Sustainability Committee puts forth this plan to demonstrate its leadership role in reducing greenhouse gas emissions and encouraging conservation of resources while educating our communities.

We strive to achieve our mission and our goals while working within our economic feasibility as set forth by this Committee and CCC’s fiscal resources.

🌟 **Living** – We strive to live in a manner that compliments and appreciates our surroundings and our resources. Living encompasses our own lives as well as the lives of other living beings.

🌟 **Learning** – We strive to learn every day, personally, professionally and from everyone we meet or have contact with. Learning encompasses educating ourselves, our students, and our communities, as well as how we pass knowledge on.

🌟 **Working** – We strive to work not only for a better life for ourselves, but also a better life for our communities as a whole. Working encompasses doing our best every day to improve lives and educate ourselves, and others, in new processes for sustainably making things better individually, within families, our work environment, and our communities.

*The CCC Sustainability Committee is proud of its accomplishments and goals listed in the appendices of this document.*
Work Plan

1. Use of the District-wide site plan (Master Plan) to ensure sustainable and appropriate uses of land, water, and resources managed by CCC.
   
   A. The long-term goal of the Master Plan is to establish a College task force of faculty, staff, and students to recommend, develop, and implement sustainable practices district-wide.
   B. Regular reviews and modifications create a continuous quality improvement system resulting in refined goals, increased sustainability practices, and cost savings.
   C. Ensure that the plan dovetails with the Coconino County Comprehensive Plan (http://www.coconino.az.gov/comdev.aspx?id=142) and other agencies.

2. Maximize the College’s mission as a learning-centered college to educate faculty, staff, and students about the physical, biological, cultural, socio-economic, and ethical dimensions of sustainability.
   
   A. Maintain all campuses as working models of sustainability which enables faculty, staff, and students to live, learn, and work within a growing sustainable world.
   B. Support faculty, staff, and student educational experiences beyond the classroom using the “campus as ecosystem” concept. Provide support for student organizations and activities that relate to campus, community, and regional sustainability initiatives and projects.
   C. Ensure that CCC faculty and staff have the opportunity to receive professional development in sustainability issues and support faculty in their efforts to introduce sustainability into the curriculum.
   D. Promote and educate faculty, staff, and students on the Dark Skies Coalition in Flagstaff. To learn more about the Dark Skies Coalition go to http://flagstaffdarksites.org/.

3. Employ the diverse talents and skills of faculty, staff, and students in efforts that positively reflect the progress of the College’s sustainability initiatives and showcase accomplishments.
   
   A. Promote communication about CCC’s sustainability efforts and successes district-wide.
   B. Attract and recruit faculty, staff, and students to participate in on-going activities that reduce waste and conserve water, energy, and materials. Promote student interest in sustainability issues in CCC’s signature programs that incorporate sustainability education. Martial students’ voices to promote on-campus sustainability initiatives.
   C. Recognize professional faculty, staff, and students who advance campus and community sustainability so that they may serve as inspirations to others.

4. Promote sustainable business practices and renewable resources to the benefit of individuals, Coconino Community College, the communities we serve, and beyond.
A. Seek the involvement of, and partner with, private for-profit corporations and businesses, nonprofit entities, and local and federal government in implementing sustainability initiatives.

B. Obtain private or public support to facilitate community events highlighting green and sustainable solutions.

C. Support Arizona’s statewide initiatives to capitalize on business opportunities that encourage sustainable development, including opportunities for new and existing businesses.

D. Sponsor credit, and/or non-credit, workshops and training opportunities each year indentifying the sustainable or “green” business communities.

E. Establish and maintain a community garden, greenhouse, water harvesting and composting system, as a working model for faculty, staff, and students to gain hands-on experience with sustainable horticulture.

5. Integrate sustainable practices through the exploration and use of recycling and renewable energy sources.

A. Support Leadership in Energy and Environmental Design (LEED) Silver standard or equivalent and other green building practices in the development of facilities and new construction.

B. Ensure that all new college buildings and major renovations meet the Coconino County Sustainable Building Resolution’s standards in achieving energy and water conservation goals, while addressing indoor air quality and providing higher levels of natural lighting.

C. Promote district-wide awareness through sharing information, ideas, incentives, and materials to advance energy fuel conservation and reduce greenhouse gas emissions on campus and in the surrounding community.

D. Deliver alternative energy sources to the CCC campuses as soon as they become available. Assist in analyses or pilot projects which advance the co-generation of energy from renewable resources such as wind, solar, or biomass.

E. Continue to support the campus-wide recycling programs through stronger public awareness campaigns and expanded operations.


A. Maintain strong motor and vehicle purchase standards that reduce fossil fuel use and carbon emissions while still meeting mandated competitive solicitation processes.

B. Set goals to incrementally increase the pollution-reducing performance of both light- and heavy-duty vehicles.

C. Foster the use of mass transit, car-pooling, bicycles, and high efficiency and hybrid/alternate fuel vehicles by faculty, staff, and students.

D. Develop a program to phase out the use of two-cycle engines.
7. Create and maintain sustainable materials purchasing and disposal practices.

   A. Maintain sustainability-sensitive purchasing and disposal policies for office products, CPUs, monitors, florescent light bulbs, and other items.
   B. Periodically revise the campus-wide bid specifications for electronic office equipment to emphasize an “Energy Star” or other third-party certification standard relative to energy savings.

8. Control the use, storage, and disposal of hazardous chemicals and materials.

   A. Comprehensively manage hazardous materials on campus to minimize/optimize usage, waste produced and to reduce the number and severity of safety-related issues such as exposure or accidents.
   B. Hazardous materials used and stored on campus, including pesticides, fertilizers, cleaning/maintenance products, and research/student laboratory chemicals, will be inventoried. The inventory will include information such as location, hazard index, safety information, usage rate, disposal rate, purchase and disposal costs, permit information and costs, noncompliance, and enforcement action costs.

9. Maintain attractive outdoor landscapes on campus through environmentally friendly means such as xeriscape, natural features, and water collection and reuse.

   A. Use local and native materials for landscaping purposes.
   B. Continue current emphasis on native plants in xeriscape designs and the use of rock, bark/wood chip mulch and compost from nearby sources, especially those materials that are derived from forest restoration and thinning projects.
Appendices

1. CCC Sustainability Accomplishments
2. CCC Sustainability Goals Worksheets
   a. The “A” List – Short-term, up to 6 months
   b. The “B” List – Up to 1 year
   c. The “C” List – Up to 3 years
   d. The “G” List – Ongoing Projects
3. CCC Sustainability Pictures
4. Quarterly Report to City Alliance on Sustainability at CCC
   b. April – June 2008
   d. October – December 2008
CCC Accomplishments

Lone Tree Campus
- Computerized facilities automation system
- Computerized lighting control system
- High efficiency lighting T-8 lights with electronic ballast
- LED exit lights
- Day lighting throughout the building
- Compact florescent lighting
- Low pressure sodium parking lot lighting
- High efficiency chillers for cooling
- High efficiency boilers for heating
- Flat plate economizer system
- Double pane thermal windows
- Motion detectors in office areas and classrooms for lighting
- CCC Foundation Sustainability Fund established November 2007
- CCC garden
- Rainwater collection set up at CCC garden for education and sustainability
- Rainwater collection barrels set up on north side of campus to collect water for live plants in Commons
- Wind turbine/data monitor installed April 2008
- CCC website link to STF: http://www.coconino.edu/sustainability/

Buildings
- Low maintenance exterior buildings
- Use of recycled wood products
- Native landscaping/xeriscaping
- Greenhouse donated by CCC/NAU students
- Garden tool shed donated by CCC/NAU students

Transportation
- Carpooling
- Biking
- Pedestrian/bike trails to the campus (City of Flagstaff FUTS system)
- Mountain Line transit system with hybrid and alternative fuel buses

Water
- Low flow water faucets in restrooms and break rooms
- Waterless urinals
• Low flush toilets
• Computerized drip irrigation system
• Native plants that require low water or no watering
• Water retention areas to control storm water flow
• Metal roof water harvesting system with 2500 gallon collection tank
• Storm water returns to natural water ways

**Waste Management**

• Recycle 90% of all trash (partnership with the City of Flagstaff Recycle Program)
CCC Accomplishments (continued)

4th Street Campus
- Computerized facilities automation system
- Computerized lighting control system
- High efficiency lighting T-8 lights with electronic ballast
- LED exit lights
- Day lighting in parts of the building
- Compact florescent lighting
- Low pressure sodium parking lot lighting
- High efficiency package heating and cooling units with economizers

Buildings
- Low maintenance exterior buildings
- Native landscaping/xeriscaping

Transportation
- Carpooling
- Biking
- Pedestrian/bike trails to the campus (City of Flagstaff FUTS system)
- Mountain Line transit system with hybrid and alternative fuel buses

Water
- Low flow water faucets in restrooms and break rooms
- Low flush toilets/urinals
- Native plants that require only natural watering (no exterior landscape watering system)

Waste Management
- Recycle 90% of all trash (partnership with the City of Flagstaff Recycle Program)
- Community glass recycling container
CCC Accomplishments (continued)

Page Campus
- Computerized facilities automation system
- Computerized lighting control system
- High efficiency lighting T-8 lights with electronic ballast
- LED exit lights
- Day lighting throughout the building
- Compact florescent lighting
- Low pressure sodium parking lot lighting
- High efficiency package heating and cooling units with economizers
- Double pane thermal windows
- Motion detectors in office areas for lighting

Buildings
- Low maintenance exterior buildings
- Native landscaping/xeriscaping

Transportation
- Carpooling
- Biking
- Pedestrian /bike trails to the campus
- City of Page bus system to the campus

Water
- Low flow water faucets in restrooms and break rooms
- Low flush toilets and urinals
- Computerized drip irrigation system
- Native plants that require low water or no watering
CCC Accomplishments (continued)

Williams Campus
- Computerized facilities automation system
- Computerized lighting control system in parking lot
- High efficiency lighting T-8 lights with electronic ballast
- LED exit lights
- Day lighting throughout the building
- Compact florescent lighting
- High efficiency heating and cooling units
- Double pane thermal windows

Buildings
- Low maintenance exterior buildings
- Native landscaping/xeriscaping

Transportation
- Carpooling
- Biking

Water
- Low flow water faucets in restrooms
- Low flush toilets and urinals
- Computerized drip irrigation system
- Native plants that require low water or no watering

Waste Management
- Recycle 90% of all trash (partnership with local recycling program)
## CCC Sustainability Goals Worksheets

**FY - 09**

**SUSTAINABILITY WORKPLAN WORKSHEET - The "A" List**

### Short-term: Up to 6 months

<table>
<thead>
<tr>
<th>Sustainable Goal</th>
<th>Benefits</th>
<th>Specific Tasks</th>
<th>Responsible Staff</th>
<th>Timeline</th>
<th>COST</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Teach-In on Global Warming Solutions</td>
<td>Educating CCC and public, collaborate with NAU</td>
<td>Brown bag presentations</td>
<td>Robin Rickli, Joe Costion, Bryan Bates, Debbie Holbrook, Phi Theta Kappa</td>
<td>Week of February 5, 2009</td>
<td></td>
</tr>
<tr>
<td>Earth Day</td>
<td>Educating CCC and public</td>
<td>Table at City of Flagstaff event</td>
<td>Bryan Bates, Tess Wymore, Larry Meyer</td>
<td>Saturday, April 18, 2009</td>
<td></td>
</tr>
<tr>
<td>Computers - Power/Heat Control</td>
<td>Reduce energy consumption</td>
<td>Set up a campus-wide sleep setting</td>
<td>Rick McDonald, Jean Aston</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>Green Building Lecture Series</td>
<td>Partner with USGBC, Emerging Green Builders, Coconino County SEDI, NAU/MLA/Construction Mngmt/Ctr for Sustainable Environments</td>
<td>Hosting events at CCC-LT, table with information</td>
<td>Joe Costion</td>
<td>Monthly - 10 months</td>
<td>In-kind use of Commons</td>
</tr>
<tr>
<td>Sustainable Living Lecture Series</td>
<td>Cline Library</td>
<td>Partner with other local committees &amp; businesses</td>
<td>Joe Costion</td>
<td>Monthly</td>
<td>$ donation for speakers</td>
</tr>
</tbody>
</table>
## CCC Sustainability Goals Worksheets
### FY - 09

### SUSTAINABILITY WORKPLAN WORKSHEET - The "B" List

<table>
<thead>
<tr>
<th>Sustainable Goal</th>
<th>Benefits</th>
<th>Specific Tasks</th>
<th>Responsible Staff</th>
<th>Timeline</th>
<th>COST</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;Green&quot; Wall - CCC Accomplishments</td>
<td>Recognition of CCC’s sustainable efforts</td>
<td>Determine location Library has &quot;green wall&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fundraising Event - Reusing (bags, bottles, mugs)</td>
<td>Identify ways to increase funds for Sustainability Committee functions and tasks</td>
<td>Talked with CCC Foundation and Grants management</td>
<td>Committee</td>
<td>In progress</td>
<td></td>
</tr>
<tr>
<td>Gray Water Systems</td>
<td>Maximize efficient use of reclaimed water</td>
<td>Tap into purple water lines</td>
<td>Partnerships with Facilities, City of Flagstaff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Energy Audit</td>
<td>Conduct energy audit of CCC locations</td>
<td>Identify grant funding &amp; partnerships</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>College-wide Indoor Environmental Policy</td>
<td>Identify possible concerns in CCC locations</td>
<td>Strategic Plan</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Green Self Tour with Map and Walking Trails</td>
<td>Mark efforts through tour</td>
<td>Identify interested staff</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Garden/Solar Greenhouse/ Potting Shed/ Rainwater Collection</td>
<td>Model gardening to increase learning about local planting</td>
<td>Student participation/Master Garden Class</td>
<td>Tess Wymore, Bryan Bates, Joe Costion</td>
<td>First Phase September 2008</td>
<td></td>
</tr>
</tbody>
</table>
# CCC Sustainability Goals Worksheets

## FY - 09

### SUSTAINABILITY WORKPLAN WORKSHEET - The “C” List

**Up to 3 years**

<table>
<thead>
<tr>
<th>Sustainable Goal</th>
<th>Benefits</th>
<th>Specific Tasks</th>
<th>Responsible Staff</th>
<th>Timeline</th>
<th>COST</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dusk-to-Dawn in Hallways</td>
<td>Reduce electricity use</td>
<td>Adjust lighting requirements</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CCC - Sustainability Model in Action</td>
<td>CCC becomes a complete learning and educational facility</td>
<td>Grant funding initiatives</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air Quality Monitoring/Noise Abatement</td>
<td>Address environmental quality issues for air &amp; noise concerns</td>
<td>Visual meter for instructional curriculum - Acoustic improvements - College-wide indoor environmental policy</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bulk Buying/Green Purchasing - Supplies, Janitorial, etc.</td>
<td>Benefit from economies of scale, reduce purchases</td>
<td>Include recommendations from Purchasing Department</td>
<td>Purchasing Department</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eco/U-pass - Mountain Line - Use of NAU Buses</td>
<td>Encourage mass transit use to campus</td>
<td>Coordinate with NAU &amp; Mountain Line</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Building Awnings - West Side for Block Walls</td>
<td>Adjust lighting in Commons to reduce heating &amp; cooling costs</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Compost Program - Separate Containers</td>
<td>Institute composting as educational tool</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Telecommuting - Create Policies</td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>
## CCC Sustainability Goals Worksheets
### FY - 09

### SUSTAINABILITY WORKPLAN WORKSHEET - The "G" List

<table>
<thead>
<tr>
<th>Ongoing Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sustainable Goal</strong></td>
</tr>
<tr>
<td>Web Page -Calendar</td>
</tr>
<tr>
<td>Fundraising, Grants</td>
</tr>
<tr>
<td>Rainwater Collection</td>
</tr>
<tr>
<td>Recycling</td>
</tr>
<tr>
<td>Carpooling- Internal/External</td>
</tr>
<tr>
<td>Strategic Plan</td>
</tr>
<tr>
<td>Reduce Paper - More Use of Electronic Forms</td>
</tr>
<tr>
<td>Improve Efficiency of Technology</td>
</tr>
<tr>
<td>Sustainable Goal</td>
</tr>
<tr>
<td>------------------------------------------</td>
</tr>
<tr>
<td>Awareness/Advertising</td>
</tr>
<tr>
<td>Identify Green Partnership Members and Identify Collaborative Projects</td>
</tr>
<tr>
<td>Education – Green Assignments/Curriculum</td>
</tr>
<tr>
<td>Professional Development</td>
</tr>
<tr>
<td>LEED Certified Buildings</td>
</tr>
<tr>
<td>Community Shared Use Buildings with CCC</td>
</tr>
</tbody>
</table>
CCC Sustainability Pictures
Lone Tree Campus

Environmentally Friendly Green End Tubes

T8 Fluorescent Lighting

Wall Mounted Motion Detectors
Low Pressure Sodium Lights which comply with the Dark Skies Ordinance

Compact Fluorescent Lighting – Lone Tree Commons

CCC Gardener, Tess Wymore, at the rainwater holding tank. 2008
This is one of two rain water collection barrels outside Facilities. Volunteers use this water for the live plants in the Lone Tree Commons.

Youth Build – Introduction to Solar applications Class – August 2008. Joe Costion, instructor, and his class installed solar photovoltaic panels at the 4th Street campus.
This 4’ x 25’ cold frame was designed by Nancy Rupert and built by Leancy Rupert and students. It was installed on the vegetable bed June 5, 2009 by volunteers.

Volunteer Jerry O’Conner builds the rock garden which will eventually hold vegetables, herbs, and flowers.
This rainwater collection tank is used for watering the garden. This water comes off the roof of the CCC kiln.
The potting shed at the CCC Garden built and donated by classes at CCC and NAU.

Tool shed at the CCC Garden built and donated by classes at CCC and NAU.

CCC’s wind turbine, installed April 2008 and donated by Southwest Windpower, is used as a teaching tool.
Alliance Report on Sustainability at Coconino Community College
Mark Easton, Executive Director of Facilities – 928.226.4284

January – March 2008

- Created CCC’s Sustainability Task Force which utilizes the mission statement of “Living, Learning, and Working Sustainably.”
- President Bornstein signed the MOU (memorandum of understanding) with NAREG (Northern Arizona Regional Energy Purchasing Group) which commits to purchasing 5% of CCC’s electrical power as green power.
- Hosted Focus the Nation on campus with a tele-broadcast of The 2% Solution, five days of speakers, and free soup and bread for all participants.
- Developed a sustainability web page http://www.coconino.edu/business/facilities/sustainability/Pages/default.aspx with an event calendar.
- Student participation in events and activities related to sustainable efforts at CCC such as Focus the Nation, Phi Theta Kappa glass/cell phone/batteries/ink cartridge recycling project.
- Working with Southwest Windpower to erect wind turbine at Earth Day Celebration.
- Continuing recycling efforts and modifications of CCC’s recycling program.
- Incorporating sustainability efforts into CCC’s strategic plan, and goals.
- Created a Sustainability Task Force foundation fund for donations to CCC’s sustainability efforts.
- Youth Build Program students begin classes with an agreement for a Green Construction Technology Certificate program. This federally funded program works with several partners to remodel and “green” several Sunnyside residences.
- Curriculum Committee begins adoption of above Green CT Certificate program.
- CTM Dept conducts "Sustainable Living Series" classes including Solar Home Design, Rain Water Harvesting, and Intro to Green Building.
- NAU/CCC partnership students build 5 solar garden sheds.
- President Bornstein attends Sustainable Economic Development Initiative (SEDI) board meeting.
April - June 2008

CCC hosted its first Earth Day Celebration with sustainable vendors, CCC community garden participation, rain water collection system, solar green house installation, and various guest speakers and events. During this celebration, we raised our wind turbine donated by Southwest Windpower. Students of the Photo Voltaics & Wind Power Class worked on the project. The CCC Foundation received donations from community businesses towards completion of the wind turbine installation. President Bornstein signed the American College & University Presidents Climate Commitment Agreement at a ceremony for the wind turbine.

The CCC Sustainability Task Force formed a panel at one break-out session during the College’s semi-annual Employee Development Day to discuss what the Task Force is doing and how it is structured.

President Bornstein presented wording to the District Governing Board for incorporating sustainability efforts into CCC’s strategic plan and goals. This wording was approved and has become part of the College Strategic Plan.

CCC has ongoing student participation in events and activities related to sustainable efforts at CCC, such as Phi Theta Kappa glass/cell phone/batteries/ink cartridge recycling project, and Earth Day activities. CCC continues its recycling efforts and modifications of its recycling program.
July – September 2008

Arizona Public Service gave the final inspection for the wind turbine operation. The CCC Foundation purchased a bronze plaque for the wind turbine and the Facilities Department installed it.

CCC President Leah Bornstein accepted an invitation to sit on the CCSEDI board.

CCC’s community garden continues to expand. A solar green house was donated by NAU/CCC construction class, and a shed for tools was donated by CCC’s construction class. Youth Build constructed and installed shelves in the green house and the tool shed, put in T-poles and raised a chicken wire fence, leveled the shed, and built a step on the shed. The garden walkway is under construction with donated cinders. Water collection tanks, obtained through grants, are full. CCC’s Soil I class planted garlic in one bed and is creating a rock garden for herbs and flowers for a class project. The garden has received money and supplies from Joe and Kim Costion and WalMart. Many volunteers, staff and students, have worked hard throughout this growing season.

CCC has ongoing student participation in events and activities related to sustainable efforts at CCC such as Phi Theta Kappa’s glass/cell phone/batteries/ ink cartridge recycling project. CCC continues its recycling efforts and modifications of its recycling program. Carpooling connections were set up on the CCC Go Green webpage for faculty, staff and students.

Sustainability Task Force approves supporting Green Building Lecture series – series of speakers and subjects related to green building. CCC will host these lectures starting in January 2009.
Mark Easton, Executive Director for Facilities, attended the ribbon cutting ceremony for the Wildcat Hill Wastewater Treatment Plant and the Mountain Line dedication for the new Sunnyside Route and Transit Center on Phoenix Street.

CCC participated in the 2008 Solar and Wind Energy Tour with two tours on its campus. We also had six to eight participants who attended breakfast and toured with the City Tour for Solar sponsored by Sun Edison at NAU.

CCC continues to modify its sustainable committee plan and all sustainable activities on campus.
References

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http://www.tufts.edu/tie/tci/TuftsSustainability.htm

University of California – Several campuses
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http://www.warren-wilson.edu/environmental/initiatives.php
http://www.warren-wilson.edu/environmental/sustainability/commitments.php

Ad Hoc Committee Members: Chris Black, Mark Easton, Debbie Holbrook, Kathi Zahl