

Portland Community College Commitment to: Sustainability Quality Educational Programs Green Jobs

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Portland Oregon: Home of Sustainable Practices

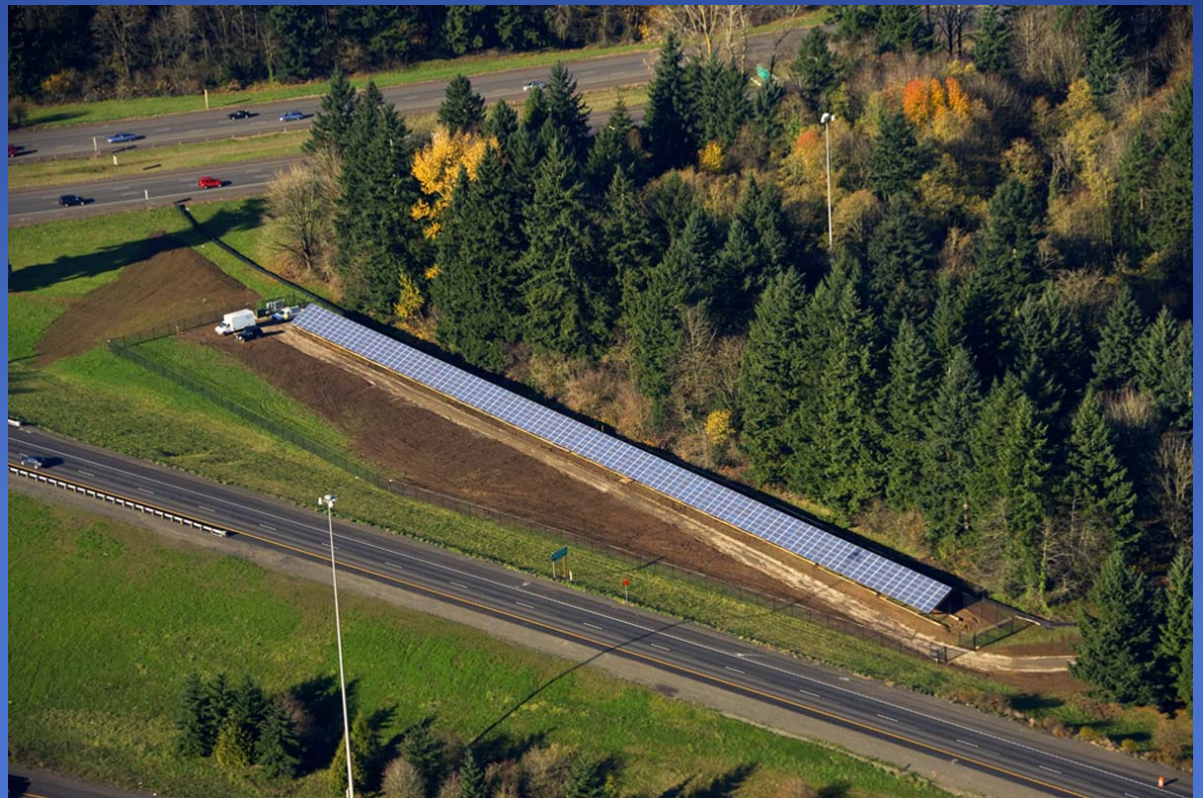


Green Jobs in Green Energy

Solar corridor along Interstate 5



Columbia Gorge
Wind Farms



Leading On The Path To A Sustainable Future in Education and Community

- Establishment of Board Policy B-707: Sustainable Use of Resources Policy B-707
Adopted by the Board on December 7, 2006
- Becoming a signatory of the American Colleges and Universities Presidents Climate Commitment:
Signed September 15, 2007
- District President, Preston Pulliams, submits PCC's Climate Action Plan to the American College and University President's Climate Commitment:
September 15, 2009.

PCC's Commitment: B-707

Portland Community College is committed to becoming a leader in academic programs and operational practices that model the sustainable use of resources, so that the needs of current generations are met without impairing the ability of future generations to meet their own needs.

Establishment of the Climate Energy Leadership Taskforce (CELT)

- Dr. Pulliams convened the CELT shortly after he signed the American College and University Presidents Climate Commitment in 2007. The goals for CELT were:
 - Meet regularly to educate members about global warming issues and the approaches that different organizations and businesses have taken to reduce greenhouse gas emissions.
 - Establish a date by which the college will be climate neutral and develop strategies and a timeline to reach this goal.
 - Meet the goal of submitting the Climate Commitment plan by September 2009.

Leading On The Path To A Sustainable Future in Education and Community

- Creation of PCC's Climate Action Plan
 - www.pcc.edu/sustain
 - Report divided into 7 sections, Buildings and Energy, Transportation, Consumption and Solid Waste, Food and Agriculture, Sustainability in Education, Community Outreach and Tracking Progress and Financing

The Green Initiative Fund

Student Commitment and Engagement

- Administered through a student majority governance board.
- Provides funding for projects which “Green” our campuses and help to reduce PCC’s environment footprint.



Establishment of A District Sustainability Manager

- Under the direction of the Department of Physical Plant
- Day-to-day Operations of PCC's sustainability programs.
- Develops: Procedures and processes in support of academic programs and college operational sustainability efforts.
- Implement PCC's Climate Action Plan
 - Collaboration and coordination with academic, business and operations support of PCC's campuses
 - Work with students, faculty, administration and college staff to develop strategic, tactical and fiscal plans

Academics: Sustainable Practices for Academics and Resources Council (SPARC)

- Encourage the active sharing of information for all curriculum related initiatives
- Coordinate potential grant efforts
- Coordinate the design and development of curricula
- Maintain a historical record of PCC's efforts in green technologies

Climate Action Plan:
Sustainability in Education



SPARC



Sustainable Practices for Academics and Resources Council

- Committee of faculty across all programs and disciplines
- Includes key staff from across all levels of operations
- Serves as an advisory board to faculty for sustainability-related academic curricular and program development
- Provides periodic updates to the President's Cabinet
- Funded through the Office of Academic and Student Affairs (OASA) as well as existing funding for curriculum and program development

Sustainability in Education and Community Outreach: Sampling

- Architecture
- Automotive – Alternative Fuels
- Building Construction – Residential, Design/Build Remodel, Construction Management
- Facilities Maintenance
- Community Education
- Interior Design
- Civil/Mechanical Engineering Technology
- Electronic Engineering Technology – Renewable Energy systems
- Engineering
- Chemistry



Objectives for **SPARC** by 2012

Funded by curriculum and campus-based funds:

- SPARC, Sustainable Practices for Academics and Resources Council, will convene for the first time Fall 2009
- Explore the development of a graduation requirement or outcome in sustainability
- Offer Environmental Studies Sustainability course by Spring 2010



Objectives for SPARC by 2012 continued:

- Implement the following degree options:
 - Green Roof/Wall Construction and Maintenance (Building Construction Technology and Landscape Technology)
 - Building Commissioner Training (Facilities Maintenance Technology)
 - Green Inspection (Building Inspection Technology)
 - Civil and Mechanical Sustainable Engineering (Electronic Engineering Technology)
 - Sustainable Management (Business Management)

SPARC will Explore the following by 2012

- Development of an Energy Efficiency Technician degree/certificate
- Development of an academic Sustainable Agriculture Program
- LEED certification education and accreditation course
- Infusing sustainability throughout the curricula
- Revising the college's strategic plan, review measurable outcomes that comply with Board Policy B707





Questions and Discussion

Thanks for
Coming

