



Olympic College Forum

Workforce Training Needs in a Green Economy

Update
July 2010

CELEBRATE ~ EDUCATE ~ CONNECT




OLYMPIC COLLEGE
www.olympic.edu

UPDATE July 2010

HIGHLIGHTS - INSTITUTIONAL COMMITMENT

- Completing Emission Inventory
- President Mitchell signed American College and University Presidents Climate Commitment
- Making the action plan, inventory, and progress publically available
- Within 2 years, setting a target date and interim milestones for becoming climate neutral
- Energy Audit completed, Carbon Footprint measured
- Environmental Task Force created, became Sustainability Advisory Council
- Taking immediate steps to reduce greenhouse gas emission via short-term actions
- Participated in curriculum for the Bioregion Initiative

INSTRUCTIONAL EFFORTS

For Credit Opportunities

Core Ability

Global Perspectives (Environmental Awareness & Citizenship)

Environmental Studies

One-year Certificate of Proficiency

Two Transfer Degree Tracks leading to BA in Environmental Studies and BS in Environmental Studies

(Primary focus: Western Washington's Huxley College)

Integrating Sustainability Concepts into Existing Coursework

25 Faculty members have submitted revised syllabi

Manufacturing Program

Two-quarter program introducing concepts of Clean Technology, LEAN operations, etc.

Sustainability

Focused Courses in Math, Science, Engineering, & Culinary

Continuing Education Training Opportunities

- Building Energy Analysts
- LEED Exam Prep
- Performance Tested Comfort Systems
- Sustainable Building Advisor (one-year, non-credit)
- Weatherization Technician (coming this year)

Exploring

Green Building

- Air Quality
- Green Building Sales
- Green Construction Remodeling
- Marketing and Sales
- Real Estate Development
- Solar Installation

Transportation

- Advanced Vehicle Development
- Certificate in Transportation and Secure Logistics
- Electric Vehicle Mechanics
- Green City Coalition
- Sustainable Green Logistics
- Transportation System Efficiency
- Vehicle Technology Institute

Business Services

- Sustainable Business Manager

Clean Energy

- Power Generation and Conventional Energy Systems
- Photovoltaic Installation

Environmental Protection

- Forest Management
- Horticulture for Sustainable Design
- Wastewater Treatment
- Water Treatment Operations
- Horticulture
- Solid Waste Operations Certificate
- Sustainable Agriculture/Community Agriculture

COMMUNITY OUTREACH & AWARENESS

Energy Lectures

- Energy: The Power of the Grid
- Green Power and Renewable Resources
- Conservation & Energy Efficiency
- How Smart is the Grid
- Energy Use and the Environment
- Green Career

Energy Field Trip

- Wild Horse

Green Employer Forums

Kids

- Get Your Energy On! (All day, hands-on event)

Participation in Clean Tech county workshop

STUDENT & STAFF ENGAGEMENT

<i>OC Environmental Club</i>	<i>Programs & Activities</i>
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- Clean-up projects in local parks
- Dyes Inlet marine clean-up

- Earth Week (Forums & Discussions; Trashion Show)
- Recyclemania (18th in country for waste reduction)

COLLEGE OPERATIONS

- Automated/water-saving plumbing fixtures
- Completion of first LEED building
- Conversion to Earth-friendly cleaning products (as able)
- Development of Green Landscaping Plan
- Improved controls on HVAC
- Green purchasing/office paper is now 100% recycled content/
modular furniture increases re-use

- Increased distribution of recycling bins
- Installed energy efficient lighting
- Recycling programs/tracking energy use by building
- Reduction/Elimination of hazardous chemicals
- Sustainable construction projects
- Wider range of materials being recycled



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