

**Project Title:**

Longhouse Ethnobotanical Garden Planting Workshops

**Project Lead and Main Collaborator:**

Julianne Panagacos

Billie Burlock

**Requested Budget:** \$2636

**Primary Affected Area:** Longhouse Ethnobotanical Garden; Students, Staff, Faculty and Community interested in sustainability and gardening

**Campus Location:** Longhouse Ethnobotanical Garden

**Academic Term:** Winter/Spring 2013

**Date:** Date of submission: 11/15/12

Expected date of completion: 06/01/12

**Faculty or Staff Sponsor:**

Marja Eloheimo 360-867-6448

**Project Description:**

We are asking for funding to reinvigorate the Longhouse Ethnobotanical Garden. We hope to plant more native plants in the garden, continue to beautify the landscape, and bring interested students and community members into the process. We are proposing two workshops in the garden in order to offer hands on experience with planting native plants, landscaping, and rain barrel installation. The workshops will happen in the spring and will be facilitated by Longhouse Garden work-study students. Participants will learn about native plants in the region and their significance in the landscape before sharing in the responsibility of planting. Regular maintenance in the garden is done by work-study students. This work ensures the garden's continued vitality.

### Detailed Budget:

Item	Source	Quantity	Price/Unit
Rain Barrel	Seattle Rain Barrels	4	\$109
Native Plants	Black Lake Organics	100	Average \$14
River Rocks	Rock Solid Stone	5	\$40/ cubic yard
Wood Chips, Mulch, Compost, Soil	Cedar Grove Compost	30	\$20/ cubic yard
		<b>Total:</b>	<b>\$2636</b>

### Sustainability:

This is a unique and exciting sustainability project in that we have designed an implementation and educational element into the proposal. Our hope is to teach about Northwest ecosystems, the role of water, importance of healthy soil for plant vitality, and how growing specific plants can lead to the production of food and medicine to support the sustainability of a human population. We want to teach participants uses of plants that we have chosen and hope that in the future, other education can be done with the plants to show uses.

### Continuity:

What is amazing about planting trees and shrubs is that, with care, they last and last. Their role in the environment of capturing carbon is essential in our fossil-fuel dependant world, and adding to the biodiversity of a region is essential for long-term sustainability. Planting shrubs that are native to the region mean that they have a better chance of serving a role in a food web, being pollinated, and adding to the vitality of the ecosystem. By educating more interested people about the intricacies of an eco-system, there is hope for continued care and maintenance. We can do this by offering workshops and passing on best practices of land care. Facilitating free workshops makes for accessibility, shared experience, community participation and continuity.

### Timeline:

Planning: In the winter, we will finalize plant lists and organize the workshops, and make a plan for the workshops

Implementation and Education: In spring quarter we will order the plants, soil, and rain barrels and promote then offer the workshops

### Metrics:

We will measure the success of the project by the outcome of the workshops and the longevity of the garden. We plan to write a written report after the workshops to submit to the CEC.

Affected Area		Approval Required	Approval Received
Faculty / Staff Sponsor		Always	
Associate Vice President for Academic Budget and Financial Planning			
Advising			
Athletics and Recreation			
Campus Land Use Committee		Will seek if needed	
Director of Facilities			
Director of Student Activities			
Environmental Health & Safety Officer			
Residential and Dining Services			
Science Operations Manager			
Tacoma			

**Greener Categories (Please select all that apply):**

	Research	Implementation	Education
Renewable Energy			
Resource Conservation			
Sustainability Strategies		x	x

**CEC Notes (for office use)**

