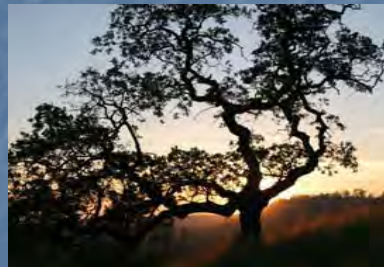




Butte College

The *Clear Creek Project*

A Butte College Sustainability Curriculum Development Initiative



Modeled after the *Piedmont Project* at Emory University

www.scienceandsociety.emory.edu/piedmont/

*Workshops *Green Bag Lunch Series *Off-Campus Social Gatherings



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Faculty Collaboration: the Heart of the Project

Each summer the *Clear Creek Project* seeks to draw together cohorts of roughly 10 faculty from diverse disciplines to learn about sustainability problems and solutions. Development of new courses or course materials begins with a full day introductory workshop the first week of June where faculty facilitators lead discussions about sustainability and environmental issues and the larger political, economic, social, philosophical, and ethical dimensions of these issues.

Mid-day walks through the Butte College organic gardens and nature preserve provide an opportunity for experiential learning. The lectures, discussions, outdoor time, and workshop materials all highlight connections among environmental dimensions of the Butte College campus, and the broader regional, national, and international issues of sustainability. There is a follow-up meeting in August just prior to the start of the Fall semester in which faculty reconvene to share their learning experiences, pedagogical innovations, and course development and content modifications.

Several faculty gatherings and green bag lunch series are held throughout the academic year to build interdisciplinary collegiality and networks of resource sharing.



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The Clear Creek Project **June Workshop Sample Schedule**

10:00–10:30	Overview of the Sustainability Paradigm
10:30–11:00	David Orr “The Fifth Revolution” [Bioneers talk]
11:00–11:30	Samples of Green Curricula (AASHE website)
11:30–12:00	Groupwork
12:00–1:00	LUNCH and Sustainability Book Browse
1:00–1:30	Janine Benyus “Biomimicry” [Bioneers talk]
1:30–2:00	‘Biophilia’ and ‘Place’ Based Learning
2:00–3:00	Nature Walk and Popsicles with Deb Conway
3:00–3:20	Evaluation Tools: Sustainability SLOs
3:20–3:40	Service Learning Projects that Enhance Sustainability Ed.
3:40–4:10	Groupwork
4:15–4:45	Amory Lovins “Winning the Oil Endgame” [Bioneers talk]
4:45–5:00	Group Reflections



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Sustainability Themed Courses

Existing Courses

- **Environmental Studies: *Introduction to Environmental Science***
- **Chemistry: *Chemistry and Society***
- **Psychology 11: *Peace Psychology***
- **Sociology 4: *Modern Social Problems***
- **Agriculture: *Global Food and Hunger Issues***

New Courses Fall 2007

- **Sociology 5, *Our Sustainable Future***
- **IDST 94, Service Learning: *Sustainability Projects***



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Sustainability Themed Courses

New Courses Fall 2008

- **Biology 7: *Sustaining Life on Earth***
- **Economics 35: *Environmental Economics***
- **Philosophy 10: *Environmental Ethics***
- **Political Science 92: *Exploring Leadership***
- **IDST 96: *Civic Engagement Practicum***

Proposed New Courses Spring 2009

- **History: *Environmental History of the U.S.***
- **Anthropology: *Sustainability and Culture***
- **Geography: *Sustainability Mapping and Auditing with GIS***
- **Sociology: *Population, Poverty and Underdevelopment***
- **Sociology: *Global Problems and the Culture of Capitalism***



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Sustainability Education Transfer Pathways

- **General Education and Transfer: Course Articulation w/**
 - **Chico State Business School, Managing for Sustainability Minor**
 - **Chico State Environmental Science Program**
 - **Chico State School of Sustainability: Interdisciplinary Degrees**
 - **University of California System Sustainability Programs**



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Spring 2009 (projected date)

Associate Degree in *Sustainability Studies*

Benefit to Students:

- Thorough Preparation for Transfer to Sustainability Degree Granting 4 year Institution
- All Courses Fulfill General Education Requirements
- All courses Transferable to CSUC/UC (pending on some)
- Low-Cost Alternative for Fulfilling Lower-Division G.E. Requirements



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Spring 2009 (projected date) **Career and Vocational Education** ***Green Building* Certificate**

Emphases on:

- Green Building Design, Engineering and Architecture
- Alternative Energy Systems
- Energy Conservation
- Passive and Active Solar Design
- Alternative Construction Methods and Materials
- Green Interior Design Techniques
- Green Building Guidelines and Codes (Residential and Commercial)



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2008***