**GEOG 425: Community & Regional Development:**

**Planning for Sustainable Communities**

**Fall 2008  –  Butte 209  - Dr. LaDonna Knigge**

Office Hours: M/W 3:30-5:00 or by appt.  Office: 533 Butte Hall

Campus Phone: 898-5881  Email: lknigge@csuchico.edu

NOTE: Please specify GEOG 425 in subject line in all emails.

SYLLABUS DATE: Oct 20, 2008  - Syllabus in subject to change.

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**Course Requirements:**

- Field trips or visits to sites within Chico and the surrounding area

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*Much of this urban world is gray, paved with concrete and asphalt, and/or brown, polluted by industry, automobiles, and waste. The challenges of the urban present give rise to widespread trepidation and distrust in our ability to leave a legacy of healthy communities to future generations.* Jennifer Wolch (2007)
• Day trip to Sacramento & Davis, CA to visit Village Homes Community and other sustainable sites.
• In class activities and short papers
• Take home midterm exam
• Final project

Attendance and participation are expected and not rewarded. The success of this seminar depends on regular attendance and participation. Please notify me in advance if you know you will not be in class or email if you cannot attend due to illness or hardship.

All assignments will be completed on time. Late assignments will not be accepted unless accompanied by appropriate documentation.

The pace and amount of reading for this course will be intense.

**Required Materials:**


NOTE: Above books are available at CSUC Associated Students Book Store. Reserve books are available at the Meriam Library. A CD of The Sustainable Urban Development Reader is available on 2 hour reserve. PDF copies of Chap 1 & 2 of Wheeler are on library reserve and included in VISTA Readings.

**ADDITIONAL READINGS ON ERes and VISTA:**

We’ll also read some web-based material and readings that will be made available on the electronic reserve (ERes) from the limited library loan service, through VISTA or handed out in class. ERes can be accessed at: [http://www.csuchico.edu/library/llo/](http://www.csuchico.edu/library/llo/)

**Course:** GEOG 425

**Password:** YM7AA


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**Course Schedule:**

**Week 1: August 26 & 28**

Wheeler: Chapter 1: Introduction

Wheeler & Beatley: Part I: Origins of the Sustainability Concept

- Introduction
- Ebenezer Howard "The Three Magnets"
- Lewis Mumford "Cities and the Crisis of Civilization"
- Aldo Leopold "The Land Ethic"

**Week 2: Sept 2 & 4**

Video [Designing a Great Neighborhood]

Wheeler: Chapter 2: Sustainable development

Wheeler & Beatley: Finish Part I

- Jane Jacobs: "Orthodox Planning and The North End"
In-class Activity: Definitions of Sustainable Development

Week 3: Sept 9 & 11: Theory of Sustainability Planning

Wheeler: Chapter 3: Theory of Sustainability Planning

Wheeler & Beatley: Part II: Dimensions of Urban Sustainability

- Introduction
- Jan Gehl "Outdoor Space and Outdoor Activities" from Life Between Buildings (1980)

Week 4: Sept 16 & 18

Tuesday: Guest Speaker: Irv Schiffman, Emeritus Professor in Political Science; Former commission member and chair of Chico Planning Commission


Wheeler: Chapter 4: Planning and the Three Es

Wheeler & Beatley, pg. 157-169 - Economic Development

- Introduction
- David Pearce & Edward B. Barbier "The Economic System and Natural Environments"
• Paul Hawken "Natural Capitalism"

Friday September 19th: Sierra Nevada Sustainable Brewery Tour - 3:00 - 4:00 p.m.
Meet at 3:00 at west parking lot near fuel cells (to right when entering the parking lot). No Sandals or Flip-Flops - Wear closed-toe shoes!

Week 5: Sept 23 & 25 - Child Friendly Cities and Public Participation
Wheeler & Beatley, pg. 220-224
• Jane Jacobs"Seeing Change"
EReserve & Vista

Child Friendly Cities Initiative

Children's Urban Geographies LOOP Report

In-class public participation exercise: Ahrens Ladder of Participation
Suggested videos making light of public participation process: Hitchhiker's Guide the Galaxy - Episode 1, part 1 & 2
• http://www.youtube.com/watch?v=tqQQh_r_4UU

Week 6: Sept 30 & Oct 2 - Sustainability & Equity:

Thursday October 2nd: Field Exercise #1 Due in Class

W&B: Environmental justice and social equity
• Intro pg 141-142
• Bullard, Robert "People-of-Color Environmentalism" pg 143-149
• Hayden, Dolores "Domesticating Urban Space" pg 150-155
• Lerner, Michael "A Progressive Politics of Meaning" pg 225-231
On Vista:


Thursday readings:

Wheeler: Chapter 5: Issues Central to sustainability planning

W&B: Part 2: Dimensions of Urban Sustainability

Review from Week 3

- Introduction to Part 2: pg. 69-70
- Land use and urban design, pg 71-72
- Calthorpe - "The Next American Metropolis" pg 73-79
- Gehl - "Outdoor Space and Outdoor Activities" pg 81-85

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Week 7: Oct 7 & 9 - Dimensions of Urban Sustainability

Transportation and Traffic Calming: Automobiles, Pedestrians and Bicycles

- Introduction to Transportation, pg 87-88
- Cervero "Transit & the Metropolis: Finding Harmony" pg 89-96
- Newman & Kenworthy "Traffic Calming" pg 97-103
- Pucher, Komanoff & Shimek "Bicycling Renaissance in North America" pg 104-109

Project for Public Spaces [http://www.pps.org/transportation/](http://www.pps.org/transportation/)

- Traffic Calming 101
  [http://www.pps.org/info/placemakingtools/casesforplaces/livememtraffic](http://www.pps.org/info/placemakingtools/casesforplaces/livememtraffic)

Thursday - Video: Edens Lost and Found: Seattle

[http://www.edenslostandfound.org/](http://www.edenslostandfound.org/)

Saturday October 11: Field Trip to Sacramento and Davis: Meet at 8:00 a.m. at bus stop at 1st and Ivy.
Week 8: Oct 14 & 16 - Tools for sustainability planning

Wheeler:

- Chapter 6: Tools for sustainability planning, pg. 85-101
- Chapter 12: Neighborhood planning, pg 181-215


- Introduction, pg 199-202
- Maclaren "Urban Sustainability Reporting" pg. 203-210
- Wackernagel & Rees "What Is an Ecological Footprint?" pg 211-219

See Earthday Network Footprint Calculator website and calculate your ecological footprint:  http://www.earthday.net/footprint/index.html

Receive Take Home Midterm on Tuesday October 14th

No class on Thursday October 16th

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Week 9: Oct 21 & 23 - Local government planning

Turn in take-home midterm Thursday Oct 23rd

Wheeler:

- Chapter 11: Local government planning, pg 152-180

Discussion of Eco-Chico Bike Tour, Final Project & Groups

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Week 10: Oct 28 & 30

Skinny Streets & Green Neighborhoods: Design for Environment & Community
Girling & Kellett

Tuesday:

- Introduction
- Chapter 1: Green Neighborhoods
- Chapter 2: Case Studies

Thursday:
• Chapter 3: Green Networks
• Chapter 4: Gray Networks
• Chapter 5: Gray Fabric

Week 11: Nov 4 & 6

Girling & Kellett (Cont)

Tuesday:

• Chapter 6: Green Fabric
• Chapter 7: Urban Water
• Chapter 8: Getting to Green Neighborhoods

Thursday:

No Class due to Sustainability IV Conference – Attend Conference

Nov 6 – 9: This Way to Sustainability IV Conference
Sat Nov 8: Eco-Chico Bike Tour
9:00 - 11:00 in front of BMU

Week 12: Thurs Nov 13 - No Class on Tuesday Nov 11 - Veterans Day

W&B: Urban ecology and restoration

• Introduction, pg 111-112
• Whiston Spirn "City and Nature" pg 113-115
• Beatley "Land Development and Endangered Species: Emerging Conflicts" pg 116-119
• Riley "What is Restoration?" pg 120-122

Week 13: Nov 18 & 20 - Geography Awareness Week

ERes & Vista:
• Wolch "Green Urban Neighborhoods"

Video: Edens Lost and Found: Los Angeles  http://www.edenslostandfound.org/

Week 14: Thanksgiving Break  No Class – Have a great holiday

Week 15: Dec 2 & 4  Final Discussions & Group Project Presentations

Week 16: Dec 9 & 11  Group Project Presentations

Finals Week: Dec 15 – 19

Final Culminating Event Tuesday Dec 16 – 2:00 – 3:50

Final Writing Assignment Due

Assignments & Grading:

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<thead>
<tr>
<th>Assignment</th>
<th>Points</th>
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<tr>
<td>Field Activity and report:</td>
<td>15</td>
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<tr>
<td>Midterm</td>
<td>40</td>
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<tr>
<td>Final Project &amp; Presentation</td>
<td>30</td>
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<tr>
<td>Exercises &amp; final writing project</td>
<td>10</td>
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<tr>
<td>Field trips, in-class participation</td>
<td>5</td>
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<td><strong>Total</strong></td>
<td><strong>100</strong></td>
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Other Information

The classroom should be a safe place where all ideas, as long as they do not include bigotry, intolerance or hatred, can be expressed freely and openly. Please listen to me and to other students, and frame your commentaries in the spirit of supportive and constructive criticism. Use non-sexist language when speaking and writing.

If there is evidence that you have been involved in any form of academic dishonesty, you may receive an “F” grade for the assignment or for the entire course, and a report will be provided to Student Judicial Affairs for further action. Please read the university’s
guidelines on academic dishonesty below and see:
http://www.csuchico.edu/catalog/cat05/2StudentServices/01sjd.html

If you have a documented disability that may require reasonable accommodations, please contact Disability Support Services (DSS) for coordination of your academic accommodations. The DSS phone number is 898-5959 V/TTY or FAX 898-4411. Visit the DSS website at <http://www.csuchico.edu/dss/>.

Add/Drop information: Students are responsible for handling the paperwork for adding or dropping this class. After September 7, 2008, you will need special permission of instructor to add or drop classes. After September 21, 2008, you will need a compelling reason to add or drop any courses.

**Academic Honesty**

Faculty expects students to maintain a high standard of academic integrity. If you are unclear about a specific situation, ask your instructors. They will explain what is and is not acceptable in their classes.

If a student is thought to be cheating and charges are brought, a process is set in motion which can result in severe consequences, ranging from failure in an individual course to long-term suspension from the university and denial of a degree.

The examples below do not include all possible violations of the university's expectations, but they do give a good idea of behavior which will result in grade reduction, disciplinary probation, suspension, or expulsion from the university.

Plagiarism: Copying homework answers from your text to hand in for a grade; failing to give credit for ideas, statement of facts, or conclusions derived from another source; submitting a paper downloaded from the Internet or submitting a friend's paper as your own; claiming credit for artistic work (such as a music composition, photo, painting, drawing, sculpture, or design) done by someone else.