ENVIRONMENTAL STUDIES 64

AB 32 (CA Global Warming Solutions Act of 2006)

ES -64    Call # 2856
Fall '09    1.0 Unit
Instructors: Mark Sullivan/Kristin Jensen Sullivan

De Anza College, Division of Biological, Health, and Environmental Sciences, Environmental Studies Department
Kirsch Center for Environmental Studies- Director Pat Cornely in KC 218, (408) 864-8628

“We can change the world through law.”

There is growing concern at De Anza College about critical environmental issues: 1) The College Environmental Advisory Group (CEAG) held a workshop on September 9th 2009 to plan for this year’s implementation of De Anza’s Sustainability Management Plan. You may help with the implementation of this important environmental plan! 2) Last Fall for our District Opening Day, our keynote speaker and panelists theme was on sustainability. 3) We are continuing our work in the Environmental Studies Department with critical issues and urge you to get involved by exploring our four degree/certificate areas and/or by engaging in stewardship projects/events. We hope that you will join us as we move along our sustainability path. We live in a hopeful time, but ACTION by all of us is necessary! 4) Critical climate change conferences are happening this Fall.

INSTRUCTOR INFORMATION:
Kristin Jensen Sullivan
Office Hours Held:    M 12:30-1:30 pm; T 2:30-3:30 pm; W 12:30-1:30 pm and many other times by arrangement in KC 214. I have office time for all of you.
Phone/Voicemail #:    (408) 864-8625
Office Location:      KC 214
E-mail Address:       sullivankristin@fhda.edu
Personal Webpage:     http://www.deanza.edu/faculty/sullivankristin/
ES Dept Website:      http://EnvironmentalStudies.deanza.fhda.edu/es/

Mark Sullivan
Office Hours:    Tuesday 5:00-6:00 pm, or by phone, or other times by arrangement
Phone:    (831) 576-2619
Office Location:      KC 213 (or check the Stewardship Resource Center)
E-mail Address:       sullivanmark@fhda.edu
Course Website:       http://www.deanza.edu/faculty/sullivanmark/

1) DESCRIPTION
An overview of California’s Global Warming Solutions Act of 2006, AB 32. The course also includes an overview of strategies to implement this act within an organization and a look at the reduction of greenhouse gas emissions (GHGs) by an average of three percent per year.
*Your ideas and/or suggested topics are appreciated and will be considered for discussion.
2) ADVISORIES
English Writing 1A or English as a Second Language 5. A good attitude and a willingness to
learn by problem solving are essential to receiving desirable grades.

3) COMPETENCIES
After completing reading assignments, assessments, journals, projects, field assignments,
and attending class, you should be able to:

A. Review and discuss the elements of AB 32 (California’s Global Warming Solutions
Act of 2006)
B. Assess the history of implementation of this historic legislation in California
including the Rio Summit of 1992 and ratification of the United Nations Framework
Convention on Climate Change (UNFCCC), the Kyoto Protocol, Agenda 21 and
other agreements
C. Identify and understand the value of implementing AB 32 into an organization,
including the impacts on humans and on society
D. Identify the various stakeholders involved in this historic legislation including
legislators, nonprofits, government and private agencies and the public
E. Assess strategies for development and implementation of an AB 32 team and action
plan for an organization including the environmental and social justice issues within
communities impacted by air pollution.

4) COURSE MATERIALS
Required: Reading assignments will be made available to you on the course websites.

5) SCHEDULE
Please see the Tentative Class Schedule list. Note that the readings are to be read in advance of
the corresponding class meeting date.

6) SUGGESTIONS/TEACHING METHODS
This course will cover a large amount of material in a short amount of time. Therefore, it is
imperative that you attend all lectures (you will be keeping a journal and journal entries will
be a daily event), take good notes, and complete the readings prior to attending the lectures.
Additionally, we would suggest that you take advantage of the effective and efficient learning
strategies that we will present periodically throughout the course. Our teaching style is
designed to engage you in a more active fashion. In order to meet this goal, we will combine
the following teaching methods: hands-on lectures which make use of videos, handouts, and
slides; hands-on activities such as active group/discussion sessions (participation is crucial)
and learning games; and, the use of various effective learning tools such as time management,
note taking, memory techniques, concept mapping/timelines, the PQ3R method of reading,
and cooperative study groups. To assure your success, please read and implement the
information presented on the two study strategies handouts (available on Kristin’s website).
Also, the BHES Division Student Handbook is available on line at
http://bhs.deanza.edu/StudentHandbook.pdf as well as in the BHES Division Learning
Resource Center (SC3101) in hard copy. The information in the Student Handbook applies in
7) REQUIREMENTS

1. **Journal and Active Class Participation**: Attend all lectures. Journal entries will be a daily class event and will include concept maps, lecture notes, group work, Internet searches and writings, discussions, thoughts, and video questions. Active participation is obviously crucial for completing journal entries. The journal should include all discussion topics assigned by the instructor during class time. Discussion sessions (from readings, etc.) are an important component of this course. Journal instructions will be provided during the first class meeting. The journal assignments are worth a total of 30% of your grade. If you are late, points will be taken off of your participation grade. If you miss a day, you must contact the instructor.

2. **Oral Presentation**: You will work with a maximum of three fellow students on an oral presentation that will consist of your evaluation of a specific sector within AB 32. This sector will be assigned to your group during the second class meeting. The oral presentation guidelines will be discussed in full; you will receive further oral and written instructions. You will be required to share your group PowerPoint presentation with the class. This assignment, due on December 10th, is worth 35% of your grade.

3. **Individual AB 32 Climate Action Plan**: This assignment is due on December 10, 2009. This plan will include information on AB 32 compliance mechanisms that you choose to integrate into your home, school, work, community, and personal life. Soon, the plan guidelines will be discussed in full; you will receive further oral and written instructions. This 3-4 page paper is worth 35% of your grade. Remember, you are a climate action leader in your community. How will you show your leadership, get involved, and take action?

8) GRADING CRITERIA

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<thead>
<tr>
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<th>Percentage</th>
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<tbody>
<tr>
<td>Journal and Active Class</td>
<td>30%</td>
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<tr>
<td>Oral Presentation</td>
<td>35%</td>
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<tr>
<td>Individual AB 32 Climate</td>
<td>35%</td>
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<tr>
<td>TOTAL</td>
<td>100%</td>
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Grading Scale (%): 90-100 = A, 80-89 = B, 70-79 = C, 60-69 = D, Below 60 = F

9) ADDITIONAL INFORMATION/POLICIES

1. **General Information**: Please be prepared to dedicate sufficient time and energy to this course (attending class and using and studying the course materials). Students are expected to read and summarize assignments prior to attending class.

2. **Fundamental values of academic integrity**: This class is based upon honesty, trust, respect, fairness, and responsibility. We always appreciate your cooperation. As in all classes, cheating and plagiarism are not tolerated; there will be consequences!

3. **Safety and Evacuation Procedure**: Please know the correct procedures to follow in the case of an earthquake or another emergency.
4. Oral Presentation, Assignments, Add/Drop Rules, Grades=
   a. The oral presentation must be given during the scheduled time.
   b. You cannot pass the course without turning in all assignments.
   c. Assignments are due on the dates listed in the lecture schedule. Late assignments will not be accepted.
   d. Add/drop = See policies and procedures in the “Schedule of Classes.” It is your responsibility to follow add and drop rules (Please remember this: if you drop correctly= W, incorrectly= F).
   e. You may access your final grades through the Star System [408-777-9394 or 650-917-0509] or the Internet [https://regserv.fhda.edu/da-grades.html].

**ES 64 (AB 32) Assignment Schedule**  
**Fall 2009**

<table>
<thead>
<tr>
<th>ASSIGNMENT DUE DATES</th>
<th>This Week’s Topics</th>
<th>Readings</th>
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<tbody>
<tr>
<td>Day 1: November 5th</td>
<td>Orientation</td>
<td>(1) AB 32 Summary, (2) AB 32 Text, (3) AB 32 Scoping Plan</td>
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<td>Syllabus/journals and assignment information</td>
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<td></td>
<td>Introduction to global warming science</td>
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<td>AB 32 signing ceremony and introduction</td>
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<td>Day 2: November 12th</td>
<td>Global Warming Science and AB 32</td>
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<td>An Inconvenient Truth – Global Warming Science</td>
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<td>Review AB 32 and Discuss Questions</td>
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<td>Governor’s Global Climate Summit</td>
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<td>Oral presentation instructions and sector assignment</td>
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<td>Day 3: November 15th</td>
<td>AB 32</td>
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<td>1:00 pm to 5:00 pm</td>
<td>IPCC Report Back on FAQs assigned during the first class.</td>
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<td>REQUIRED OUT OF CLASS</td>
<td>Initial Sector Reports – Each group will summarize findings for their assigned sector.</td>
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<td>FIELD TRIP</td>
<td>Additional oral presentation requirements.</td>
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<td>Individual AB 32 Climate Action Plan Discussion – information to be provided.</td>
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<td>(1) IPCC FAQ Report, (2) Review CARB Sector Website, (3) Review oral presentation instructions handout.</td>
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<td>Day 4: December 3rd</td>
<td>AB 32</td>
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<td>AB 32 action by governments, business, NGOs and institutions</td>
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<td>Office of the Attorney General and AB 32</td>
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<td>AB 32 and environmental law</td>
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<td>To be assigned.</td>
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<td>Day 5: December 10th</td>
<td>ORAL PRESENTATIONS</td>
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<tr>
<td>CLIMATE ACTION PLANS</td>
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<tr>
<td>DUE</td>
<td>No readings assigned.</td>
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