Welcome to the Environmental Careers Course!

“Be the change you want to see in the world”. *Mahatma Gandhi*

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 12:30-1:30pm; T 2:30-3:30pm; W 12:30-1:30pm; Th 2:30-3:30pm (until November 11); 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/

1) **DESCRIPTION**

Learn about saving the planet through environmental careers, including ecosystem management, restoration ecology, corridors ecology, energy management technology, environmental stewardship, environmental education, watershed management, environmental law, pollution prevention and more. Opportunities for internships and employment in business, industry, public agencies, academia and nonprofit agencies will be explored. Students will prepare an academic plan for their two- or four-year degree, certificate or workplace.

2) **ADVISORIES**

Advisory: English Writing 100 and Reading 100 (or Language Arts 100), or English as a Second Language 172 and 173.

3) **COMPETENCIES**

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

1. Explore career options in the environmental field and assess its value within society.
2. Review the degree/certificate options in Environmental Studies
3. Compare and contrast the various environmental studies college transfer programs
4. Development of an academic/career action plan for the certificate, degree or transfer track options in Environmental Studies.
5. Explore internship opportunities in business, industry, public agencies, academia, or non-profit organizations related to the student’s field of study.
6. Be able to make informed decisions about environmental issues that affect your life.

7. COURSE MATERIALS
   Note: This textbook is available at the bookstore!

Optional Textbooks:

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, take good notes, and complete the readings prior to attending the lectures. Additionally, I would suggest that you take advantage of the effective and efficient learning strategies that I will present periodically throughout the course. My teaching style is designed to engage you in a more active fashion. In order to meet this goal, I will combine the following teaching methods: expert guest speakers, hands-on lectures which make use of Power Point, handouts, and hands-on activities such as web searches, active group/discussion sessions (participation is crucial); and the use of various effective learning tools. To assure your success, please read and implement the information presented on the two study strategies handouts (available on my web page).

7) REQUIREMENTS
   • Attend all lectures.
   1. Active Class Participation: Class participation includes group work, computer web searches, and discussion sessions that are an important component of this course. Class participation is worth 25% of your grade. If you miss a part of a lecture, you must make up the missed material in the SRC (Stewardship Resource Center) for participation credit.
   2. Assignments that will be integrated into your Academic/Career Action Plan: There are five out-of-class assignments that will be integrated into your Academic/Career Action Plan; these assignments include the following: 1) a personality survey completed from an assigned website, 2) completed evaluation forms, 3) using a 7-step approach to build your environmental career (skills, job search, informational interview(s), career path), 4) a mission statement, 5) trip to De Anza’s Career Center. These assignment guidelines will be discussed in full; you will receive further oral and written instructions. These above-stated assignments will only be checked off...they will ultimately be used in your Academic/Career Action Plan.
3. **Academic/Career Action Plan**: This assignment will be submitted on or before November 25th. This plan may include web searches, information on educational plans/careers/internships, the 7-step approach, personal traits, values and skills, economic needs, long-term goals, a timeline, strategies, a resume, etc. Soon, the plan guidelines will be discussed in full; you will receive further oral and written instructions. This 4-10 page paper is worth 75% of your grade.

8) **GRADING CRITERIA**
- Active Class Participation= 25% (daily grading) 90-100= A
- Assignments integrated into Academic/Career Action Plan= Checked off only! 80-89= B
- Academic/Career Action Plan= 75% 70-79= C
  (With above checked off assignments) 60-69= D
  <59= F

100% TOTAL

9) **ADDITIONAL INFORMATION/POLICIES**
1. **General Information**= Even though this is a one-unit course, please be prepared to dedicate appropriate time and energy to this class (attending class, completing Academic/Career Action Plan). Students are expected to check the syllabus lecture schedule.
2. **Fundamental values of academic integrity**= This class is based upon honesty, trust, respect, fairness, and responsibility. I always appreciate your cooperation. As in all classes, cheating and plagiarism are not tolerated.
3. **Safety and Evacuation Procedure**= Please know the correct procedures to follow in the case of an earthquake or another emergency.
4. **Assignments, Add/Drop Rules, Grades**=
   a. Assignments are due at on the dates listed in the lecture schedule. Late assignments will not be accepted (except under extraordinary circumstances).
   b. Add/drop= See policies and procedures in the “Schedule of Classes.” It is your responsibility to follow add/drop rules.
   c. 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].

**Higher Education’s Ecological Mission** *(Excerpt from Richard Clugston, Education for the Earth)*

“We, the presidents, rectors, and vice chancellors of universities from all regions of the world, are deeply concerned about the unprecedented scale and speed of environmental pollution and degradation and the depletion of natural resources...Pollution...toxic wastes...and depletion of the ozone layer... threaten the survival of humans and thousands of other living species, the integrity of the earth and its biodiversity, the security of nations, and the heritage of future generations.

We believe that urgent actions are needed to address these fundamental problems and reverse the trends... University heads must provide the leadership...so that their institutions respond to this urgent challenge. We, therefore, agree to take the following actions...
- Encourage all universities to engage in education, research, policy formation, and information exchange on population, environment, and development to move toward a sustainable future.
- Establish programs to produce expertise in environmental management, sustainable economic development, population, and related fields to ensure that all university graduates are environmentally literate and responsible citizens.
• Set an example of environmental responsibility by establishing programs of resource conservation, recycling, and waste reduction at the universities.

-Adapted from The Talloires Declaration, University Presidents for a Sustainable Future, October 1990

If you don’t like something, change it. If you can’t change it, change your attitude.
Maya Angelou

“Environmental Studies 95” Assignment Schedule

<table>
<thead>
<tr>
<th>Week:</th>
<th>ASSIGNMENTS &amp; DUE DATES</th>
<th>This Week’s Topics</th>
<th>Text Chapters to Read</th>
<th>Handouts to Read/Other</th>
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</thead>
<tbody>
<tr>
<td>Week 1: October 7</td>
<td></td>
<td>10/7- Syllabus, introductions, my background, history/need for environmental professionals</td>
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<td>Handout summarizing E.S. four degree areas and information from your text</td>
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<td></td>
<td>• Assignments: personality survey (Due 10/21), evaluation (Use for all speakers)</td>
<td>• Information: Carol McClelland, CEO, Green Career Central (recent Job Board has free access)</td>
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<td></td>
<td>• Students introduce speakers</td>
<td>• Go over handouts</td>
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<tr>
<td>Week 2: October 14</td>
<td></td>
<td>10/14-</td>
<td></td>
<td>Handout on green careers strategies</td>
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<td></td>
<td>• Assignment: 7-step approach to building your environmental career, job search, career path (Due 10/21)</td>
<td>• Information: A.A. Stewardship/Biodiversity, other speakers on tape; Web searches on careers, internships, 4 year colleges/universities; Explain Academic/Career Action Plan</td>
<td>Part I-pp. 1-64 (Ch. 1, 2, 3)</td>
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<td>• Students introduce speakers</td>
<td>• Information: Pandora Thomas, Director of Green Guardians Program, Global Exchange</td>
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<td>• 3:30pm- Guest Speaker: - Jana Clark, academic/career planning</td>
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<td>• 4:40pm- Guest Speaker: Mini Damodoran, career path from De Anza to Energy Management and Climate Policy</td>
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<td>Week 3: October 21</td>
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<td>10/21-</td>
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<td>Lists of environmental careers-categories from Great Jobs For Environmental Studies Majors, class text, and The ECO Guide to Careers that Make a Difference</td>
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<td>• Assignments: Mission statement (for next three years); Identify skills you deem valuable in your career, resume writing, informational interview (Due 10 28)</td>
<td>• 3:30pm-Guest Speaker: Esther Sylvan, University Affiliated Research Center, on values, personality style, skills, motivation</td>
<td>Part II-pp. 81-105 (Ch. 4, 5)</td>
<td>Handout on informational interviews</td>
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<td>• Students introduce speakers</td>
<td>• 4:30pm-Guest Speaker: Julie Phillips, Morgan Family Chair of Environmental Studies, Stewardship Degree and Certificate Program</td>
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<td>Week 4: October 28</td>
<td>• Assignments: Go to De Anza Career Center (one hour) (Due 11/11) • Students introduce speakers</td>
<td>• 10/28- Information: Certificates &amp; A.A. Environmental Compliance and Pollution Prevention; cont.- Web searches on careers, internships, 4 year colleges/universities; Narrowing your search, staying focused. Informational interviews. • Guest Speaker: Ed Wong, Education Specialist, Office of the Ombudsman, California Air Resources Board (CARB)</td>
<td>Part III- pp. 105-175 (Ch. 6)</td>
<td>Handout summarizing information from The ECO Guide to Careers that Make a Difference</td>
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<td>Week 5: November 4</td>
<td>• Assignment: Academic/Career Action Plan (Due 11/25); Evaluations (Due 11/25) • Students introduce speakers</td>
<td>• 11/4- Preparation for Academic/Career Action Plan; select areas of focus, why select, skills essential • 3:30pm-Guest Speaker: Elizabeth Sarmiento, career path from De Anza to SJSU to SCVWD and beyond (eg. of Environmental Compliance and Pollution Prevention) • 4:00pm-Guest Speaker: Dave Deppen, Eco-Architect, Design architect for the KCES • 4:30pm-Guest Speaker: Scott Gould, Certificates/A.A. Energy Management and Climate Policy; Career paths</td>
<td>Part III- pp. 175-259 (Ch. 7, 8, 9, 10)</td>
<td>Job announcements: what I’ve seen via e-mail within the past year Handout on Academic/Career Action Plan- This plan is a process for you and it will include the who, what, when, specific contacts, check off lists, etc.!</td>
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<td>Week 6: November 11</td>
<td>• Assignment: Cont. Academic/Career Action Plan (Due 11/25); Evaluations (Due 11/25) • Students introduce speakers</td>
<td>• 11/11- Wrap-up: education, careers, internships, values &amp; skills match. • 3:30pm-Guest Speaker: Robert Cormia, Foothill College, Clean Tech Revolution • 4:00pm-Guest Speakers: Ryan Phillips and Rick Malupa, Wildlife Corridor Technician Certificate • Information: Certificates/A.A. Energy Management and Climate Policy</td>
<td>Part VI- pp. 259-400 (Ch. 11, 12, 13, 14)</td>
<td>Handout on Academic/Career Action Plan- This plan is a process for you and it will include the who, what, when, specific contacts, check off lists, etc.!</td>
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