ENVIRONMENTAL STUDIES 80X
CALIFORNIA FIELD STUDIES = PERMANENTE CREEKS AND YOUR WATERSHED
(10/8- 5:30-9:20 pm in KC 239; 10/25 & 10/26- 8:30 am- 6:20 pm in the field)
Instructor: Kristin Jensen Sullivan
Fall 2014

ES -80X-95 CRN 22350 2.0 Unis

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

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

INSTRUCTOR INFORMATION: Kristin Jensen Sullivan
Office Phone: (408) 864-8625
Office Hours: M 2:25-3:25 pm, W 9:20-10:20 pm; TTh 11:20 am-12:20 pm; other times by arrangement in KC 214. I have office time for all of you.
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I. COURSE DESCRIPTION:
Environmental Studies 80, California Field Studies, is offered through the Biological, Health, and Environmental Sciences Division at De Anza College. Generally, these courses deal with field observation of the native flora and fauna found in aquatic and terrestrial ecosystems of California with an emphasis on endangered, rare, protected and reintroduced species and the underlying social, economic and political issues associated with habitat and species loss. This course will emphasize threatened watersheds in California, particularly the Permanente Creek Watershed in the Santa Clara County bioregional area.

II. COURSE OBJECTIVES:
1. Be able to define watershed terminology, such as watershed, riparian habitat, aquatic habitat, biotic communities.
2. Understand general information on watersheds as they relate to humans in terms of culture/gender, economics, law, politics, environmental justice and water use.
3. Develop an understanding of watersheds and comprehend how they relate to human and ecological health (our survival depends upon maintaining a balance with supporting environments).
4. Learn about California water topics (i.e., legislation and action concerning water quantity and quality issues).
5. Learn about the San Francisco Bay, watersheds that drain into it, and the associated human interactions.
6. Understand the Permanente Creek & YOUR Watershed in terms of geography, watershed management, biodiversity, natural resources, land use, human history, natural history, water quality, water quantity, fisheries, preservation, restoration, recreation, and complexity.
7. Comprehend and learn how you, other individuals, industry, and government can apply various positive environmental strategies to everyday living.
8. Be able to make informed decisions about environmental issues that affect your life.
III. STUDENT LEARNING OUTCOMES (SLO’s)
After completing reading assignments, assessments, journals, projects, field assignments, and attending class, you should be able to:
1. Assess (apply) the criteria necessary to be successful in this course.
2. Identify and assess the dominant components within native plant communities in the California Floristic Province. Demonstrate an understanding of the environmental parameters that affect the presence of these communities.

IV. COURSE MATERIALS:
All materials needed for successful completion of this course will be handed out during class or accessed via the Internet.

V. SCHEDULE:
Please see the Tentative Class Schedule list (IX below). Note that certain handout readings are to be read in advance of the second field trip meeting date.

VI. REQUIREMENTS:
1. Registration: All students taking this course must be registered De Anza College students. Only registered E.S. 80X students will be permitted to attend the weekend field trip.
2. Assignment #1: Completed first class questions, other notes (place in journal)
3. Assignment #2 & 3: Another handout reflections/worksheet will be distributed on the two field trip days (Saturday October 25th and Sunday October 26th). These reflections/shortcut answers will be submitted in a small ~20 page journal (you need not use all those pages!); they will be due on or before November 10th by 11:00 am. The journals will require approximately 15 hours of outside class time.
   *If you have another creative way to meet these assignments (i.e., essays, journal, photographic album, reflective follow-up assignment), please let me know and I will consider having you exchange these assignments with another appropriate and pre-approved one.
4. Active participation in field trip activities.

VII. GRADING CRITERIA:
- Assignment #1- First class questions, notes (in journal) = 5% 90-100 = A
- Assignment #2- Journal completed & accurate = 20% 80-89 = B
- Assignment #3- Journal completed & accurate = 25% 70-79 = C
- Active field trip participation= 50% 60-69 = D

100% TOTAL 0-59 = F

VIII. ADDITIONAL POLICIES & SUGGESTIONS:
A. You should be in good physical condition in order to hike for several hours on our field trip days.
B. You should be prepared to takes notes out in the field just as you would in an indoor classroom situation.
C. Please be aware that the class is in session from 8:30 am-6:30 pm on Saturday October 25th and from 8:30 am-6:30 pm on Sunday October 26th. Logistically, there is no way for a class member to arrive late or to leave the group early, so plan accordingly. In other words, please be certain that you are with the class the entire time (no arriving late or leaving early, thanks).
D. **In order to enjoy** the surrounding natural area within the Permanente Creek Watershed, we will sometimes be silent so that we may listen and observe nature.

E. **Add/drop**= See policies and procedures in the “Schedule of Classes.” It is **your** responsibility to follow add/drop rules.

**IX. TENTATIVE FIELD TRIP SCHEDULE:**

**Saturday October 25th from 8:30 am -6:30 pm (PLEASE SEE YOUR MAPS)**

8:30 am- Meet at first meeting place (details will be forthcoming via email)  
DEPARTURE time is 8:30am sharp! Please, no excuses: get an early start. Thank you for your consideration of others.

**Sunday October 26th from 8:30 am -6:30 pm (PLEASE SEE YOUR MAPS)**

8:30 am- Meet at first meeting place (details will be forthcoming via email)  
DEPARTURE time is 8:30am sharp! Please, no excuses: get an early start. Thank you for your consideration of others.

**PERMANENTE CREEK WATERSHED FIELD TRIP CHECK LIST:**

1. A **fun positive attitude! 😊**
2. Comfortable walking/hiking shoes/boots.
3. If you are prone to getting blisters on your feet, bring along some moleskin.
4. Sunscreen, sunglasses
5. You may get poison oak—be careful, and wash with Technu or a like product when you get home.
7. Lunch, Other Snacks
8. A small plastic garbage bag for trash; you may be inclined to pick up trash along the trails.
9. Maps, syllabus, handouts, worksheets, writing materials, clipboard, etc. for note taking.
10. A camera and binoculars, if you so desire.
11. Wear layered clothing so that you will be warm if it is cold, or so that you can peel off some layers should it be warm. Be sure to bring comfortable long pants, a long sleeve shirt, a sweater and/or jacket, a hat, etc.
12. Water repellent rain gear; if rain is imminent. This field trip is on regardless of interesting weather conditions.
13. A small backpack or hip pack to carry the above-mentioned amenities.
14. De Anza has a **zero tolerance** for alcoholic beverages, drugs, and smoking on college-related field trips; you must heed these rules! Remember, you are representing De Anza College and the Foothill De Anza College District. Please see standards of conduct and applicable sanctions for violating the standards in the [Student Handbook](#).
15. Check for ticks.