

ESRM 335: The Beach

Fall Semester 2017

Full Syllabus online <http://thebeach.clarewormaldsteele.cikeys.com/> or tiny.cc/thebeach

Dr. Clare Steele

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Office: Bell Tower West 1181

Office Hours: Tu 12:30 - 1:30pm, 5:00 - 6:00pm, Th 12:30 - 1:30pm (and by appointment)

Lectures: Tu & Th 3:00pm to 4:15pm in Bell Tower 1462

Final Date: Tuesday 12/14/2017 at 1:00pm to 3:00pm

General Information

Description

Three hours of lecture per week.

The Beach is an interdisciplinary course that explores the sociocultural importance of sandy beaches in southern California and analyzes the interaction of natural and human systems in the coastal zone. The course explores the physical and biological aspects of California's beaches, examines anthropogenic stressors on the ecosystem, integrates diverse perspectives on California's beach culture and society, and focuses on issues pertaining to coastal development and sustainability.

Graded: Letter Grade

GenEd: B2, D, UDIGE

Learning Outcomes

Identify current environmental and social issues concerning California's beaches.

Relate the physical and biological characteristics of the beach environment to challenges in managing this natural resource.

Express and understanding of the course material and communicate effectively in various written forms.

Required Text

The Golden Shore: California's Love Affair with the Sea by David Helvarg

The Last Beach by Orrin H. Pilkey and J. Andrew G. Cooper

Week		Tuesday		Thursday	Background Readings & Multimedia	
Week 1	8/29	Syllabus Introduction to The Beach	8/31	Beaches of the World	Begin Reading The Golden Shore	
Week 2	9/5	Beach Ecosystems	9/7	Beach Ecosystems Prep/Reading for Negotiation		Surf, Sand & Siversides
Week 3	9/12	Negotiation Role-Play: Development at Menehune Bay Group 1	9/14	Negotiation Role-Play: Development at Menehune Bay Group 2	Coastal Cleanup Day Sept. 16th CHIS NP HQ	Coastal Clash
Week 4	9/19	Library Session <i>Blog 1</i>	9/21	Physical Processes		Shored Up
Week 5	9/26	MIDTERM	9/28	The Form of the Beach	Complete Reading The Golden Shore	
Week 6	10/3	Dr. Heather Castillo Beach Culture (Dance) <i>Outline for Paper</i>	10/5	Coastal Development		Riding Giants
Week 7	10/10	Beach Culture	10/12	Beach Culture		Dogtown and Z-Boys
Week 8	10/17	Dr. Dan Reineman Beach culture (Surfing) <i>Blog 2</i>	10/19	Coastal Hazards	The Last Beach Ch. 1	Whitewash
Week 9	10/24	Dr. Javier Gonzalez Beach Culture (Music)	10/26	Peer Review	The Last Beach Ch. 2	Endless Summer
Week 10	10/31	MIDTERM	11/2	Beach Sand Mining	The Last Beach Ch. 3 & 4	Sand Wars
Week 11	11/7	Engineering & Beach Nourishment	11/9	Marine Debris	The Last Beach Ch. 5	Plastic Paradise
Week 12	11/14	Pollution <i>Blog 3</i>	11/16	International Dimensions	The Last Beach Ch. 6 & 8	Chasing Mavericks
Week 13	11/21	Conclusion: The End is Here	11/23	THANKSGIVING	The Last Beach Ch. 9 & 10	
Week 14	11/28	Presentations <i>Paper due</i>	11/30	Presentations		
Week 15	12/5	Presentations	12/7	Presentations		
Finals	12/12		12/14	FINAL: Thursday 3:00- 4:00 PM	F I N A L S W E E K	

Grading

Letter Grade Breakdown

A	93% - 100%
A-	90% - 92%
B+	87% - 89%
B	83% - 86%
B-	80% - 82%
C+	77% - 79%
C	73% - 76%
C-	70% - 72%
D+	67% - 69%
D	63% - 66%
D-	60% - 62%
F	0% - 59%

Grading Weights

Midterm 1	20%
Midterm 2	20%
Paper/Presentation	20%
Blog and Discussion	20%
Final	20%

Midterms and Final: Midterms and final will cover material discussed in class, in readings, and in documentaries. They will be a combination of multiple choice, true/false, short answer, and essay.

Blog and Discussion: Over the course of the semester you are required to visit **3 different beaches** and write a **350-750 word blog post** reflecting on **EACH** beach. You **MUST** include pictures and provide a thoughtful discussion of each beach. You may choose to focus on development, geomorphology, waves and tides, ecology, recreation, culture, etc. I want to see you critically thinking about your environment, the beach ecosystem, and the interconnected nature of geology/physical processes, ecology, recreation and tourism, culture, and health and wellbeing. You are also **required to comment on at least 5 blog posts** made by other students in the class, and respond to questions/comments made to your posts. Our website is <http://thebeach.clarewormaldsteele.cikeys.com/> (or tiny.cc/thebeach). You can watch an instructional video on how to post using wordpress here: <https://www.youtube.com/watch?v=f9cjpp6bfrQ> (This is also the first post on our class blog).

Paper and Presentation: At the beginning of the semester, you will be assigned a beach which will be the topic of a paper and presentation. Throughout the semester, you will have assignments due to make sure you stay on track (fun facts, library visit, outline, and peer-review). Each of these assignments will contribute to your overall grade. We will go over technical writing and doing quality research at our library visit. Your paper will be submitted through the turn-it-in app on CI Learn. The paper should be **3,000 to 5,000 words**, include **5 cited peer-reviewed journal articles**, follow standards for Journal of Ecology, and include pictures. You must have sections clearly labeled and include at least a cover page, introduction,

conclusion, and reference section your paper. Please refer to the writing tutorials found at: <http://esrm.zone/writing-tutorials/> for help with the formatting of your paper.

You may choose to focus your paper on the topic of your choice relevant to your beach including: tourism and recreation, cultural history and significance, physical processes, or ecological issues and include discussions relevant to topics such as economics, invasive species, endangered species, coastal erosion, sea cliff erosion, dunes, habitat, music, art, waves, tides, industry, environmental issues, sustainability, development, coastal armoring, oil spills, sand mining, sea level rise, trash, health and well-being, psychology etc. You should begin by doing a general literature search on your beach and then decide how you want to focus your paper. That said, your paper should be focused on a particular aspect of your beach and how it relates or connects to the beach ecosystem as a whole. We will discuss this further in class and answer any questions you may have. At the end of the semester, you will present your work to the class in a 10 minute presentation so the class can learn about issues pertaining to beaches around the world.

Additional Information and Resources

Class Policies

An atmosphere of respect will be maintained at all times. Respect means coming to class prepared to give your full attention to the instruction, and behavior that does not distract other students from learning.

The following class policies are in place, and your attention to them will be reflected in your attendance and participation score:

- ❖ Be on time. Every person that comes in late causes additional disruption. Please let me know if you have a schedule conflict that I need to be aware of that will cause you to be late on a consistent basis. During lecture **DO NOT** read emails or browse the internet. Laptops and tablets should be used **ONLY** for note-taking. Turn off and put away phones for the entire class period.
- ❖ All class information will be posted on CI Learn. Your Dolphin email address is the only means of communication between the university and you, so be sure it works and check it often.
- ❖ Be prepared to take notes in class. If you miss class, it is **your** responsibility to get the notes from another student. Assignment notifications and deadlines will be discussed in class, so if you miss a class be sure to catch up with a friend or with me to make sure you know what you missed.
- ❖ All work that you submit as your own work must, in fact, be your own work. For example, if your paper presents the ideas of others, you must clearly indicate this by citing the source. Word-for-word language taken from other sources - books, papers, web sites, people, etc. - must be placed in quotation marks and the source identified. Likewise, work on tests and exams must be your own work, not copied from the internet or taken from other students' work, and you must comply with instructions regarding use of books, notes, and other materials.

If a student is found responsible for committing an act of academic dishonesty in this course, the student may receive academic penalties including a failing grade on an assignment or in the course, and a disciplinary referral will be made and submitted to the Student Conduct & Community Responsibility office. Students are expected to familiarize themselves with the University Student Conduct Code at the following link: <http://www.csuci.edu/campuslife/student-conduct/academic-dishonesty.htm>). Please ask about my expectations regarding academic dishonesty in this course if they are unclear.

- ❖ If you are a student with a disability requesting reasonable accommodations in this course, please visit Disability Accommodations and Support Services (DASS) located on the second floor of Arroyo Hall, or call 805-437-3331. All requests for reasonable accommodations require registration with DASS in advance of need:<https://www.csuci.edu/dass/students/apply-for-services.htm>. Faculty, students and DASS will work together regarding classroom accommodations. You are encouraged to discuss approved accommodations with your faculty.
- ❖ In light of recent incidents of harassment and aggression reported at CI and beyond^[1], we reaffirm our commitment to creating a learning environment in which students engage in informed discourse and express a diversity of opinions freely and in a civil manner while respecting all individuals, particularly their sense of safety. We also endorse President Beck's admonition to the campus community on November 9, 2016: "At CI, we embrace the fundamental values of equity and inclusion and commit to diversity as a source of renewal, vitality and strength. Our work is critical to the future of our country as we continue to serve a diverse, multicultural, [and international] student body."
- ❖ Everyone on the CI campus must adhere to the standards of our community; faculty are stewards of these standards in the classroom. Anyone failing to adhere to these standards in the classroom may be asked to leave. Students, faculty, or staff experiencing behavior on campus that fails to adhere to community standards should report it to the CARE Team and/or the Title IX and Inclusion Office, or the University Police (Public Safety).

^[1] E.g., [Washington Post](#); [LA Times](#); [New York Times](#)

I have read and thoroughly understand the expectations set forth by my instructor for **ESRM 335 The Beach** in the Syllabus. I have read and understand the assignments and exams that will be graded and the due dates. Not following the directions set forth in the syllabus is my own responsibility and may result in a lower grade.

_____ Print Name

_____ Signature

_____ Date