ENVIRONMENTAL STUDIES
135A

"NATURE IS OFTEN HIDDEN; SOMETIMES OVERCOME; Seldom extinguished."
— FRANCIS BACON

PRINCIPLES OF ENVIRONMENTAL PLANNING

SUMMARY COURSE OUTLINE

WINTER 2018
Wednesday, 6:30 – 9:20 PM

PAUL WACK, AICP
Buchanan 1940
ES 135A SUMMARY COURSE OUTLINE

One possible reason why things are not going according to plan is that there never was a plan.

--Ashleigh Brilliant

JANUARY 16

Introduction: Course Overview

The Idea of Planning: Setting the Table for Planning Trends and Issues in California, etc.

We can never know about the days to come but we think about them anyway. -- Carly Simon

Readings: Fulton & Shigley, Chapters 1 (especially Current Trends & Ongoing Issues) and 2 (reference only)


Lecture: Defining Environmental Planning: Natural and Human Systems

Interactions between man and land are too important to be left to chance. -- Aldo Leopold, 1933

Readings:

135A Environmental Issues (2018) Slides


Randolph, J. (2012). Environmental planning for sustainability (Chapter 2). In Environmental land use planning and management. (pp. 27-53, 694-6). Covelo, CA. Island Press. (focus on pp. 27-33, 48-53)


Sustainability: Charting a Career in Sustainability (APA Conference panel slides)

What is Livability Summary Page (12-14-16)

**Lecture**: The Organization of Planning

*After all, if a policeman must know the Constitution, then why not the planner?*  
--- Justice William J. Brennan

**Readings**: Fulton & Shigley, Chapters 1, 4 and 5 (reference):

Context and Organization of Planning: The California Framework  
(lecture slides not posted)


*Get involved. The world is run by those who show up. Bumper sticker.*

**JANUARY 23**

**Lecture**: History of Planning in the United States and the Evolution of Urban America, I

*History is always repeating itself, but each time the price goes up.*  
--- Anonymous

**Readings**:

Lecture Outline: The Evolution of American City Planning.

History Lecture Slides, Part 1


**Lecture**: History of Planning in the United States and the Evolution of Urban America, II

*The growth of the American city in the past century has meant the extension of streets and sewers and gas mains, and progressive heightening of office buildings and tenements. There is a curious confusion in America between growth and improvement.*  
--- Lewis Mumford. “City Development”, 1973

**Readings**: Fulton & Shigley, Chapter 3 (pp. 50-65, 70-2)

History Lecture Power Point, Part 2


**JANUARY 30**

**DUE:** Assignment 1- Getting to Know Your Community

**Lecture:** The Community Planning Process: The California Perspective

*I have seen the future and it works.* — Lincoln Steffens

*I saw the future and it didn't work.* — Zero Mostel

**Readings:** Fulton & Shigley, Chapter 6.

*“The best way to predict your future is to create it.”* Abraham Lincoln

General Plan Lecture Slides. Parts 1 and 2 (NEW OPR General Plan Guidelines)


**Examples of "State-of-the-Art" Plans:**


(Graze through Introduction (Part 1) for basic understanding of general plan content)


(after basic review of overview page, go to Conservation Element and see something special related to climate change)


(Reference)

Santa Monica Land Use and Circulation Element (LUCE)

**Class Discussion:** Review for exam

**FEBRUARY 6 FIRST EXAM (First half of class, 225 points, Broida 1610)**

Yesterday is a cancelled check. Tomorrow is a promissory note. Today is ready cash. Use it!

-- Edward Bliss, "Getting Things Done"

**Lecture:** Implementing the General Plan (Second half of class, Buchanan 1940)

You can zone it for oil wells, but you might not get any. -- Fred Bair

"Planning Cities", 1970

**Readings:** Fulton & Shigley, Chapter 7.

Implementing the General Plan: The Zoning Challenge (Lecture slides)

- Zoning History Power Point, Part I
- Evolution of Flexible Zoning Power Point, Part II

Elliott, D. A brief history of zoning (Chapter 1). In A better say to zone: ten principles to create more livable cities. (pp. 9-38). Covelo, CA: Island Press.


**FEBRUARY 13**

**Lecture:** Implementing the General Plan, II

*It is not enough to be busy; so are the ants. The question is: What are we busy about?*  
-- Henry David Thoreau

**Readings:** Fulton & Shigley, Chapter 8.

Implementing the General Plan: The Zoning Challenge (Lecture slides)

- Cluster Subdivisions Power Point, Part III

The City of Pasadena Permit Center
https://www5.cityofpasadena.net/planning/permit-center/

City of Pasadena Zoning Code
http://cityofpasadena.net/zoning/index.html

**Lecture:** The California Environmental Quality Act (CEQA): An Overview

*We inherit the earth, but... we also rebuild the earth, -- without plan, without knowledge of its properties, and without understanding of the increasing coarse and powerful tools which science has placed at our disposal. We are remodeling the Alhambra with a steam shovel.*

--- Aldo Leopold, 1933

**Readings:** Fulton & Shigley, Chapter 9.

The California Environmental Quality Act (CEQA): An Overview (selected power point slides)


**Lecture:** Preserving Agricultural Land: The Need for Stewardship, I

*A land ethic then, reflects the existence of an ecological conscience, and in turn reflects a conviction of individual responsibility for the health of the land.* -- Aldo Leopold.

*A nation that destroys its soil, destroys itself.* –Franklin Delano Roosevelt

**Readings:**

Preserving Agricultural Land: The Need for Stewardship (Three Parts, as assigned)

**FEBRUARY 20**

**Guest Lecture:** Laurel Fisher Perez, AICP
Principal Planner, Suzanne Elledge Planning & Permitting Services, Inc.

Topic: Renewable Energy Production & Agricultural Resources

*You never change things by fighting the existing reality. To change something, build a new model that makes the existing model obsolete.*

--- Buckminster Fuller

**Lecture:** Preserving Agricultural Land: The Need for Stewardship, II

*The farm not only grows food, it nourishes human character, is a challenge and a teacher, a source of insight and values.*

--- Wendell Berry

**Readings:**

Land Conservation (Lecture Slides, Randolph, Chapter 15)

PDF Posted

American Farmland Trust –Farmland Information Center (California)
www.farmlandinfo.org/browse-state


**FEBRUARY 27**

**Guest Lecture**: Katie Maynard
UCSB Sustainability Coordinator & Goleta City Planning Commissioner

Topics: Sustainability and the Role of a Planning Commissioner

*If there is no wind, row. Latin Proverb*

**Lecture**: New Urbanism/Smart Growth,

*The reason they call it the American dream is because you have to be asleep to believe it.*

-- George Carlin

**Readings**: Fulton & Shigley, Chapters 11 and 17 (as assigned)


*First they built the road, then they built the town, that's why were still driving around and around.*

- Arcade Fire


**(NOTE:** The above chapter provides a reference source for terms covered in class or other readings. Specific pages will be assigned. Also, this chapter is presented as an example from the best textbook on Environmental Planning in the U.S.**


Local Government Commission: [www.lgc.org](http://www.lgc.org)
(Excellent non-profit organization)

**Lecture:** Planning for Sustainability (and Climate Change), as time allows

*I believe it to be perfectly possible for an individual to adopt the way of life of the future ... without having to wait for others to do so.*

--- Mohandas Gandhi

**Readings (most are reference, as assigned):**

Fulton & Shigley, Chapter 18

Sustainability and Community Planning: Need for New Directions Lectures

- What Does Sustainability Mean?
- Sustainability in Planning
- Sustainability and Local Planning: California Examples


**Topic:** Seeking Solutions in a Climate Changing World: An Overview

**Presentation:** Most Terrifying Video You'll Ever See (Climate Change) [http://www.youtube.com/watch?v=zORv8wwiadQ](http://www.youtube.com/watch?v=zORv8wwiadQ) (SEE BEFORE CLASS)
Presentation: How it all ends
http://www.youtube.com/watch?v=mF_anaVcCXg&feature=relmfu (SEE BEFORE CLASS)

Let my dreams yall dormant
Category 6's are stormin
Take this as a, take this a warning
Welcome to, welcome to global warming

Pitbull, Global Warming

Readings (All reference only):


Kolbert, E. (May 9, 2005), The climate of man, part III. (pp.52-63). The New Yorker. (Think”wedges”)


MARCH 6: SECOND EXAM (225 points)

Facts do not cease to exist because they are ignored. -- Aldous Huxley

MARCH 13

DUE: Assignment 2- Current Event Assignment

Democracy cannot exist in silence. -- Charles Kuralt.

Said one in his plea, “It’s a marvel to me
That you’d give so much greater attention,
To repairing results than to curing the cause;
Why you’d much better aim at prevention.
It makes far better sense to rely on a fence,
Than an ambulance down in the valley.

Anonymous,
An Ambulance Down in the Valley

Class Meeting: Finish up loose ends
GRADING PROGRAM

The following course components represent the total potential grade for this course:

<table>
<thead>
<tr>
<th>ITEM</th>
<th>POINTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two Exams (February 6, March 6)</td>
<td>450</td>
</tr>
<tr>
<td>Assignment 1-Getting to Know Your Community (January 30)</td>
<td>200</td>
</tr>
<tr>
<td>Assignment 2-Current Events: Issue &amp; Solution (March 13)</td>
<td>150</td>
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<tr>
<td>Assignment 3- Citizen Planner’s Toolkit (DUE: Finals Week, by March 22)</td>
<td>200</td>
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<tr>
<td>TOTAL</td>
<td>1000</td>
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</tbody>
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Please note: Exams can only be made up for serious medical reasons, subject to a formal letter from a Doctor. Assignments 1 and 2 will be turned in both in class and posted on Gaucho Space. Assignment 3 will be posted on Gaucho Space during finals week. Meeting deadlines matter to avoid point penalties.

COURSE READINGS


Please note that this edition of the textbook is only available in e-book Kindle format on Amazon. The print edition is sold out. The new edition will be available later this year.

Most course readings are available on Gaucho Space

OFFICE HOURS: Tuesday, 3:45 PM- 4:45 PM. Bren 4021L.
893-2968. pwack@calpoly.edu. (Note: Please include “ES 135A” in subject box of e-mail)

Mailing address: P.O. Box 1086, Morro Bay, CA 93443-1086 (What’s a stamp?)

We have not inherited the world from our fathers . . . We are borrowing it from our children
David Brower

DESCRIPTION OF ASSIGNMENTS, ETC.

(NOTE: Assignments 1 and 2 will be posted on Gaucho Space and hard copies submitted in class on due date)

Descriptions of the three Assignments, among other topics will be part of the full course syllabus posted on Gaucho Space. Changes to course schedule and content will be posted on Gaucho Space as needed.

135AcW18 (12-22-17)

"The future belongs to those who prepare for it" - Ralph Waldo Emerson