## Geography 244: Land Use

Instructor: Claire Jantz Office: 116 Shearer Hall Phone: 717-477-1399 E-mail: cajant@ship.edu Website: http://webspace.ship.edu/cajant Office Hours: MW 2:00-4:00 F 2:00-3:00 And by appointment

#### Mission statement for the Geography-Earth Science Department

The Geography-Earth Science Department at Shippensburg University is committed to student learning and personal development through innovative teaching, high quality field application, and use of geotechnology in all aspects of departmental programs. These commitments will deepen students' appreciation of Geography-Earth Science, encourage life-long learning, and enable Geography-Earth Science majors to teach at the middle/secondary level, to enter a geography-earth science related professional career, or to pursue a higher degree.

#### **Textbooks (required):**

- 1. *Land Use and Society: Geography, Law and Public Policy.* By Rutherford H. Platt. Island Press: Washington, DC. 2004.
- 2. Additional readings as assigned

#### **Course description:**

This is an introductory course in land use. We will cover the foundations of land use institutions and land use planning; planning, zoning, and subdivision regulations; and local, state, regional, and federal involvement in land use planning and regulation. This class will integrate topical readings in the textbooks and other sources with lecture, class discussion, active learning exercises, and GIS labs.

#### **Course objectives:**

Our main goals in this class are:

- > To understand the societal and regulatory context of land use systems
- To understand how individuals and different levels of governments interact to influence land use patterns
- > To gain exposure to basic land use planning concepts
- > To be able to analyze complex land use systems and issues
- > To improve writing and oral communication skills

#### Course Structure, Grading, and Other Requirements

*Course structure, readings and lectures:* Readings will be supplemented and augmented by lecture material, discussion questions, classroom activities, and current events assignments. To achieve your best grade in this class, it is therefore strongly recommended that you complete all readings, attend every class, participate in class, and take notes. If you find you are having difficulty with the material, come see me during office hours or schedule an appointment. It is important that you are proactive and address problems early!

*Grading:* Your grade will be based on your performance on the following exams, quizzes and assignments:

Two 100 point exams	200
Short papers	
Cultural landscape analysis	20
Comprehensive plan review	20
Land use "plan"	25
Land use issue analysis	30
Presentation	25
Discussion questions (6 @ 5 points each)	30
GIS labs (3 @ 15 points each)	45
In-class assignments	20
Attendance	30
TOTAL POINTS	445

To determine your final grade, your total points will be converted to a percentage score and will be assessed with the +/- system using this scale:

Percentage	Grade
93-100%	А
90-92%	A-
88-89%	B+
83-87%	В
80-82%	B-
78-79%	C+
70-77%	С
60-70%	D
<60%	F

*Exams:* There are two exams: a mid-term and a non-cumulative final. You are expected to take exams at the scheduled time. The exams dates are noted on the course schedule. Only very unusual circumstances (e.g. family emergency, serious illness) are acceptable reasons for missing an exam and MUST be documented. If you know you will miss an exam due to a University sanctioned event or a religious holiday, you MUST notify me prior to the exam date. Failure to notify me *at least two weeks prior to the exam* that you will miss a scheduled exam will result in a zero for that exam grade. Make up exams may differ from the original. Make up exams will only be allowed for excused absences and must be taken as soon as possible either before or after the scheduled exam date. During an exam, all materials, including books, papers, cell phones, etc., must be put away. If classes are cancelled on an exam day, the exam will be given on the first meeting when classes resume.

*Short papers:* Separate handouts for each of the short papers will be provided.

*Presentation:* Each student will be required to present on one of the short paper topics. An additional handout will be provided.

*GIS labs:* There will be three GIS labs that will be performed in-class, as noted on the schedule. These labs will not require prior experience with GIS or ArcMap. These labs are intended to expose you to how GIS may be used to address land use issues.

*In-class assignments:* There are several discussion/analysis exercises that will take place in class, as noted on the schedule.

*Discussion questions:* There are 6 sets of discussion questions, based on some of the readings, that are due as noted on the schedule. You will receive the questions at least one week in advance. These assignments are intended to encourage you to do the reading assignments, facilitate in-class discussions, and develop analytical and communication skills.

*Attendance:* Attendance is critical for you to achieve your best grade. To encourage attendance, 30 points of your grade will be based on attendance. Attendance will be taken periodically and randomly throughout the semester and your grade will be based on this attendance record. I will allow one "freebie" before points will be deducted. If extenuating circumstances arise that will impact your attendance, come see me during office hours or schedule an appointment.

*Late policy:* A late penalty will be applied to assignments turned in late, at a rate of a 10% grade reduction per day (including weekend days). I will not accept any assignments that are more than one week late. Assignments should be handed directly to me or to the Geography-Earth Science Department secretary, Judy Ferrell (Shearer Hall 103, 8:00-4:30), who will date-stamp your assignment and put it in my box.

# Electronic resources:

*D2L*: Electronic materials for this class are distributed via D2L (Desire to Learn). Most of the documents that are handed out in class will also be available on D2L, including this syllabus and the course schedule. Announcements and grades will also be posted. You are strongly encouraged to take advantage of this resource.

*Regarding lecture materials:* I will use PowerPoint lectures regularly in this class and will post those files as PDF documents on D2L. These lecture slides are not a substitute for taking good notes in class. Because my lecture material is constantly under development the PowerPoint slides may not be available until after the lecture.

*E-mail:* I may send important announcements to your Shippensburg University e-mail account. You will be held responsible for this information and should therefore check your e-mail regularly. I am generally very responsive to e-mails from students, although please allow 24 hours for a response from me before re-sending a question or request. I may not respond to e-mails over the weekend. Please use professional etiquette when writing an e-mail to me and I will do likewise when I respond.

*Turnitin.com:* All type-written assignments, except discussion questions, will be turned in via Turnitin.com, a plagiarism-prevention website. Please see the additional handout on Turnitin.com for guidelines.

### Some additional important notes:

- 1. Disruptive behavior of any sort, including disruptions caused by personal electronic devices (i.e. cell phones, hand-held computers, laptops, IPODS, etc.), will not be tolerated under any circumstances and will result in grade reductions up to and including an "F" and/or expulsion from the course. During exams, NO electronic devices of any kind are permitted.
- 2. When you are in class, your cell phones should be turned off or in silent mode (not vibrate). Students SHOULD NOT send text messages during class. NO TEXTING!! If you are observed texting in class, I reserve the right to deduct points from your grade.
- 3. Please come to class on time. Consistently arriving late to class will result in grade reductions at my discretion.
- 4. For your privacy, I do not discuss grades over the telephone or via e-mail, so please do not ask. I will not return phone calls or e-mails on this subject.
- 5. If a due date for an exam or assignment is missed due to a University closure (for weather or other reasons),

the activity will be due / made-up during the first class period after the closure. Please note that only the President's office makes such decisions, and class will or will not be held on the basis of the President's decision. Information regarding closures or schedule changes is available at 717-477-1200 or on the University's webpage (http://www.ship.edu).

- 6. I expect your work in all facets of this course to adhere to University and Geography Earth-Science Department standards of academic honesty. If you are unfamiliar with University policies regarding such matters, please review the Academic Dishonesty and Plagiarism sections at the following web page: <u>http://www.ship.edu/catalog/HTML/ugrad09-11/index.htm</u>. Note that academic dishonesty includes but is not limited to:
  - a. Bribing or attempting to bribe, faculty or staff personnel in order to attain an unfair academic advantage.
  - b. Possessing course examination materials prior to administration of the examination by the instructor without the instructor's consent.
  - c. Using unauthorized materials or devices such as crib notes during an examination.
  - d. Providing and/or receiving unauthorized assistance during an examination.
  - e. Using a substitute to take an examination or course.
  - f. Allowing others to conduct research for you or prepare your work without advance authorization from the instructor, including, but not limited to, the services of commercial term paper companies.
  - g. Intentionally and without authorization falsifying or inventing any information or citation in an academic exercise, such as making up data in an experiment or observation.
- 7. As stated in the student handbook, <u>plagiarism is a form of academic dishonesty</u>. Shippensburg University will not tolerate plagiarism and I will make every effort to discourage it. Plagiarism is the unacknowledged use of another writer's own words, facts, ideas, or other materials in your own writing. When other writers' words or materials—even short phrases or specific terminology—are used, you should put these words inside quotation marks and you should then cite the source of the quotation either in the text of your writing or in footnotes. When the ideas of another writer are restated in your own words (paraphrased), you should also indicate the source of the paraphrased material in your own text or in footnotes. Citations should also be made for borrowing from media other than printed texts, such as websites, lectures, interviews, broadcast information, or computer programs. Failure to adhere to these policies will constitute an alleged instance of academic dishonesty, and I will pursue resolution through the Dean of Students.
- 8. Accommodations can be made for those students with documented disabilities and who wish accommodations to be made. Please do the following during the first week of classes so that we can discuss your situation and make arrangements that fit your personal needs: (a) Schedule an appointment with me and, in preparation for our meeting, please: (b) Write down some suggestions that will allow us to structure a way for you to: maximize your class participation; complete the readings, assignments, and examinations to the best of your ability and in a comfortable way; and/or attend to any other issues that are relevant in your particular case.
- 9. If you expect to be absent during the semester for the observance of specific religious holidays, please provide me, in writing (e-mail is okay, but not by phone), with the dates on which you will be absent by the end of the first week of classes.

# Geo 244: Land Use Thursdays 6:30-9:15 Fall 2010 Course Schedule (tentative)

WEEK 1	
9/2	Course introduction
DUE: Spatial patterns of land	<ul> <li>Defining land use; land use vs. land cover; drivers of land use and land use</li> </ul>
use (in class)	change; cultural landscapes
	Readings:
	<ul> <li><u>Land Use and Society</u>, Introduction, Ch. 1</li> </ul>
WEEK 2	
9/9	<ul> <li>Topics: Foundations of modern land use institutions; planning history</li> </ul>
DUE: Disc questions #1;	<ul> <li>Readings:</li> </ul>
planning history ( <i>in class</i> )	• William Cronon, <u>Changes in the Land</u> , Chapter 4
	<ul> <li>Land Use and Society, Ch. 2 - 4</li> </ul>
WEEK 3	HACC South Mountain Speaker
9/16	"From Mountain to Sea: The Chesapeake Bay"
On-line CBW discussion #2 due	South Mountain Speaker Series @ HACC
by Weds 9/22.	
WEEK 4	
9/23	<ul> <li>Student presentations: Cultural landscape analysis</li> </ul>
DUE:	<ul> <li>Topic: Planning history (con't) and modern planning foundations</li> </ul>
Cultural landscape analysis	Readings:
	o Land Use and Society, Ch. 5 and 6
American Fact Finder analysis,	
city vs. suburbs ( <i>in</i>	
class/homework)	
WEEK 5	
9/30	<ul> <li>Topic: Property rights: the owner as planner</li> </ul>
DUE:	<ul> <li>Readings:</li> </ul>
GIS lab I: Act 319 (in class)	<ul> <li>Land Use and Society, Ch. 7</li> </ul>
WEEK 6	
10/7	EXAM 1
WEEK 7	
10/14	<ul> <li>Topic: The tapestry of local governments</li> </ul>
	<ul> <li>Readings:</li> </ul>
	<ul> <li>Land Use and Society, Ch. 8</li> </ul>
	<ul> <li>Video: "Save our Land, Save our Towns"</li> </ul>
WEEK 8	
10/21	<ul> <li>Student presentations: Comprehensive and sector plans</li> </ul>
DUE: Comprehensive and	<ul> <li>Topic: Planning, zoning and subdivision regulations</li> </ul>
sector plan review	<ul> <li>Readings:</li> </ul>
Sector plan review	Ũ
WEEKO	<ul> <li><u>Land Use and Society</u>, Ch. 9</li> </ul>
WEEK 9 10/28	<ul> <li>Topic: "Sprawl" and growth management</li> </ul>
	<ul> <li>Topic: "Sprawl" and growth management</li> <li>Boardings:</li> </ul>
DUE: Disc questions #3	<ul> <li>Readings:</li> <li>Lond Use and Society Ch. 9 and 10</li> </ul>
	• <u>Land Use and Society</u> , Ch. 9 and 10
GIS lab 2: Maryland's Smart	<ul> <li>Web sites as assigned</li> </ul>
Growth (in class)	

WEEK 10	
11/4	Topic: State land programs
DUE: Disc questions #4	<ul> <li>Readings:</li> </ul>
-	o Land Use and Society, Ch. 11
	<ul> <li>Web sites as assigned</li> </ul>
WEEK 11	
11/11	<ul> <li>Topic: Regional land programs</li> </ul>
DUE: Disc questions #5	<ul> <li>Readings:</li> </ul>
	• Howard Ernst, <u>Chesapeake Bay Blues</u> , Ch. 1 and 2
WEEK 12	
11/18	<ul> <li>Student presentations: land use plan</li> </ul>
DUE: Land use plan;	<ul> <li>Topic: Federal land programs</li> </ul>
land use issue topic; federal	<ul> <li>Reading</li> </ul>
lands ( <i>in class</i> )	<ul> <li><u>Land Use and Society</u>, Ch. 11</li> </ul>
WEEK 13	
WEEK 13 11/25	No class: Thanksgiving Break
	No class: Thanksgiving Break
11/25 WEEK 14 12/2	<ul> <li>Special land use topic: Coastal and wetland land use issues</li> </ul>
11/25 WEEK 14	<ul> <li>Special land use topic: Coastal and wetland land use issues</li> <li>Readings:</li> </ul>
11/25 WEEK 14 12/2	<ul> <li>Special land use topic: Coastal and wetland land use issues</li> <li>Readings:         <ul> <li>Planning for the Rebuilding of New Orleans</li> </ul> </li> </ul>
11/25 WEEK 14 12/2 DUE: Disc questions #6 GIS lab 3: New Orleans land	<ul> <li>Special land use topic: Coastal and wetland land use issues</li> <li>Readings:</li> </ul>
11/25 WEEK 14 12/2 DUE: Disc questions #6 GIS lab 3: New Orleans land use ( <i>in class</i> )	<ul> <li>Special land use topic: Coastal and wetland land use issues</li> <li>Readings:         <ul> <li>Planning for the Rebuilding of New Orleans</li> </ul> </li> </ul>
11/25 WEEK 14 12/2 DUE: Disc questions #6 GIS lab 3: New Orleans land use ( <i>in class</i> ) WEEK 15	<ul> <li>Special land use topic: Coastal and wetland land use issues</li> <li>Readings:         <ul> <li>Planning for the Rebuilding of New Orleans</li> <li>ASCE panel finds risk level in New Orleans "unacceptable"</li> </ul> </li> </ul>
11/25 WEEK 14 12/2 DUE: Disc questions #6 GIS lab 3: New Orleans land use ( <i>in class</i> ) WEEK 15 12/9	<ul> <li>Special land use topic: Coastal and wetland land use issues</li> <li>Readings:         <ul> <li>Planning for the Rebuilding of New Orleans</li> <li>ASCE panel finds risk level in New Orleans "unacceptable"</li> </ul> </li> <li>Student presentations: land use issue</li> </ul>
11/25 WEEK 14 12/2 DUE: Disc questions #6 GIS lab 3: New Orleans land use ( <i>in class</i> ) WEEK 15 12/9 DUE:	<ul> <li>Special land use topic: Coastal and wetland land use issues</li> <li>Readings:         <ul> <li>Planning for the Rebuilding of New Orleans</li> <li>ASCE panel finds risk level in New Orleans "unacceptable"</li> </ul> </li> <li>Student presentations: land use issue</li> <li>Special land use topic: Sustainable land use, land use and energy</li> </ul>
11/25 WEEK 14 12/2 DUE: Disc questions #6 GIS lab 3: New Orleans land use ( <i>in class</i> ) WEEK 15 12/9	<ul> <li>Special land use topic: Coastal and wetland land use issues</li> <li>Readings:         <ul> <li>Planning for the Rebuilding of New Orleans</li> <li>ASCE panel finds risk level in New Orleans "unacceptable"</li> </ul> </li> <li>Student presentations: land use issue</li> <li>Special land use topic: Sustainable land use, land use and energy</li> <li>Readings:</li> </ul>
11/25 WEEK 14 12/2 DUE: Disc questions #6 GIS lab 3: New Orleans land use ( <i>in class</i> ) WEEK 15 12/9 DUE:	<ul> <li>Special land use topic: Coastal and wetland land use issues</li> <li>Readings:         <ul> <li>Planning for the Rebuilding of New Orleans</li> <li>ASCE panel finds risk level in New Orleans "unacceptable"</li> </ul> </li> <li>Student presentations: land use issue</li> <li>Special land use topic: Sustainable land use, land use and energy</li> </ul>