

**Map Interpretation: 201**  
**Fall 2008**  
**Department of Geography and Environmental Studies**  
**California State University, San Bernardino**  
**Units: 4**

Instructor: Dr Rajrani Kalra

Class Location: SB 212

Class Time: Tuesdays and Thursdays: 4.00-5.50 PM

Phone No: 909-537-3777

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Office: SB: 319

Office Hours: Tuesday and Thursday: 9.30-11.30 am. You can always contact me by email, telephone and or by appointment

Course link/website: This course material is in process of being linked with blackboard. More information will be given in the class.

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**The Course Goal and its objectives:**

Maps play a very significant role in our day to day life. This class will introduce you to the maps, its interpretation, and production and to the general science of Maps. In this course you will also use excel 2007 for making graphs, charts etc, use of GEODA software and an introduction to Arc GIS 9.2 and Web mapping. At the end of the course you will be able to understand, analyze maps better and use maps to do spatial analysis and become spatially aware professionals (SAPS).

Pre requisites: There is no Prerequisite for this course.

**Textbooks:**

**Required:** Campbell, John (2001) *Map use and Analysis* fourth edition, McGraw hill, New York. ISBN: 0-07-303748-6.

**Blackboard and email/Labs**

Readings and course announcements will be updated regularly. You are expected to check your black board course web page frequently. Go over any additional weekly readings. Class participation and discussion is expected in the class. Read the required

readings before the next class. Some exercises will require you to use Internet and GIS lab. Any misuse of lab and web surfing etc apart from the class requirements is strictly not allowed in the lab.

**Course Evaluations**

There will be 3 quizzes, 7 exercises and 2 exams in this fall quarter.

**Course Evaluation**

<b>Evaluation</b>	<b>Percent</b>
Exercises	25
Quiz	20
Mid Term	20
Final Exam	25
Class Participation and Attendance	10

**The due dates for the exercises will be notified on the date they are given.**

**Grade Scale**

Percentage	Grade
93-100	A
90-92.5	A-
87-89.5	B+
83-86.5	B
80-82.5	B-
77-79.5	C+
73-76.5	C
70-72.5	C-
67-69.5	D+
63-66.5	D
60-62.5	D-
Below 60	F

## **Policies**

**Student Disabilities Policy:** If you are in need of an accommodation for a disability in order to participate in this class, please let me know ASAP and also contact services to students with Disabilities at UH-183, (909-537-5238).

**Class Participation and Attendance, Missed class/quiz/exams:** You are required to attend all lectures, follow the topics covered in class and keep up with the reading. **Be advised that there is a direct correlation between attendance, regular reading and your final grade.** I will also take random attendances during the quarter. Points will be allotted for class participation and attendance. Any missed exam or quiz will only be allowed to be taken if there is an extreme emergency and a written excuse is given by the doctor or professional.

Please note **EATING** is not allowed in the class..

**Cell Phone Policy:** Please note that cell phones and pagers or any type of telecommunication is not ALLOWED in the class. It should be closed or on silent mode.

**Academic Dishonesty:** Cheating and Plagiarism will not be tolerated. Please refer to the "Academic Regulations and Procedures" in the 2008-09 CSUSB Bulletin of Courses (page 53) for the university's policies on cheating, and plagiarism.

## Tentative Schedule

(Changes will be announced in the class/blackboard webpage)

<b>Week</b>	<b>Topic</b>	<b>Readings</b>	<b>Assignments</b>	<b>Due Dates</b>
Week 1 (25th Sept)	Introduction	Ch-1	Exercise-1	
Week 2 ( 30th Sept and 2nd Oct)	Spatial thinking and Web Mapping	handouts	Exercise-2	
Week 3 (7th and 9th Oct)	Basic Mapping Processes	Ch 2-5		
Week 4 (14th and 16th Oct)	Scale, Navigation, Topographic representation	Ch 5,7,8	Exercise-3	<b>Quiz-1 (14th Oct)</b>
Week 5( 21st and 23rd Oct)	Qualitative and Quantitative information	CH-11 and hand outs	Exercise-4	
Week 6 (28th and 30th Oct)	Introduction to GEODA, Cartograms and special purpose maps	Hand outs	Exercise-5	<b>Quiz-2: 30th Oct</b>
Week 7( 4th and 6th Nov)	Nearest Neighbor, Quadrat Analysis	Ch-12 and handouts	Exercise-6	
<b>6th November</b>	<b>MID TERM EXAM</b>	<b>MID TERM EXAM</b>	<b>MID TERM EXAM</b>	<b>MID TERM EXAM</b>
<b>Week 8 11th Nov</b>	<b>VETERANS DAY</b>	<b>NO CLASS</b>	<b>NO CLASS</b>	<b>NO CLASS</b>
Week 8 (13th Nov)	Intro to Excel, Maps and Graphs	Ch-15		
Week 9 (18th Nov)	Maps and Graphs	Handouts	Exercise-7	
<b>Week 9 (20th Nov)</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>	<b>Work on Exercise-7</b>
Week 10 (25th Nov)	Map Misuse/ Lie with maps	Ch-16 and Ch-19		<b>Quiz-3(25th Nov)</b>
<b>Week 10 (27th Nov)</b>	<b>THANKSGIVING BREAK</b>	<b>THANKSGIVING BREAK</b>	<b>THANKSGIVING BREAK</b>	
Week 11 ( 2nd and 4th Dec)	GIS and Digital maps	Hand outs, Ch 20 - 21		
<i>Week 12 (8th Dec)LAST CLASS</i>	Applications of GIS and review of course			
<b>FINAL EXAM (9TH DEC)</b>	<b>9th Dec 4.00-5.50 pm</b>	<b>Good Luck!</b>	<b>FINAL EXAM</b>	<b>FINAL EXAM</b>